

**GROUP - 1 PRELIMINARY EXAMINATION  
GENERAL STUDIES & MENTAL ABILITY - 2004**

1. The world's first hydrogen fuel cell car reached Sydney on December 27, 2003. Which of the following statements are true about the car ?
- It was designed, built and run by the students of Tamagawa University of Tokyo.
  - It is named after the Biblical gods of Sun and Water.
  - Its name is *Isaac Moses*.
  - It completed the world's first continental crossing by completing a 4084 km run in less than nine days.
  - Its name is *Apollondine*.
  - It was designed and built by the students of Tokugawa University, but run by the students of the University of Perth.

1) a, d, e    2) a, b, f    3) c, d, f    4) b, c, d

2. Twice did the Pakistan President, Pervez Musharraf, escape bids on his life, – first on December 14, 2003 and next on December 25, 2003 – in the same city in Pakistan. Which is that city ?

1) Karachi                      2) Rawalpindi  
3) Islamabad                  4) Lahore

3. Beagle - 2, surface probe of Mars, was successfully launched under the aegis of the European Space Agency on December 19, 2003. Which country built Beagle - 2 ?

1) Britain    2) France    3) Sweden    4) Norway

4. Maumoon Abdul Gayoom, the longest - serving Head of State in Asia, started his five - year term as President of Maldives on November 11, 2003. How many terms had he served as the President of Maldives earlier ?

1) 3 times    2) 4 times    3) 5 times    4) 6 times

5. The list of languages proposed to be included in the Eighth Schedule of the Indian Constitution does not contain.

1) Bodo    2) Santhali    3) Dogri    4) Bhojpuri

**Directions for questions 6 to 9.**

Refer to the data below and answer the questions that follow :

The new television remote of the BPL television set has some unusual features. The T + 2 button takes you to the channel which is two channels ahead of the current one (i.e. channel 1 to channel 3). The PP button takes you back to the channel which was switched on before the cur-

rent one. The PR button takes you to the channel which is a prime numbered channel just a head of the current channel. And, last but not the least, the MAG button instantaneously takes you to your favourite channel. Amit has made Star Plus (Channel no. 17) as the Magic channel (favourite). (Use the additional data from the questions).

6. If his T. V. is on Star Plus and he presses T + 2, PR, PR and PP to come to Zee, then on which channel is Zee located ?

1) 19            2) 23            3) 25            4) 29

7. If the current channel is Zee and Amit presses T + 2, PR, PP and T + 2, then he will arrive on Channel number.

1) 27            2) 25            3) 29            4) 31

8. If the current channel is Star Plus, how can he reach Channel no. 25 ?

1) T + 2, PR, T + 2            2) PR, PP  
3) T + 2, T + 2, PR            4) None of the above

9. If the Star Sports channel is Channel no. 30, then how many channels are there between Zee and Star Sports ?

1) 5            2) 6            3) 7    4) None of the above

10. In a certain code language, EMPHASIS is written as NDIOBRJR. How do you write CREATURE in that code ?

1) SBBDUTSD                      2) QBBDTUSD  
3) DSDBSTSP                      4) SBDBUTDS

**Directions for question nos. 11 and 12.**

Read the following and find the answers :

Miss Lily has four purses. In one of the purses she keeps five-rupee notes; in the second, ten-rupee notes; in the third, twenty-rupee notes; and, in the fourth, fifty - rupees notes. In all, she has 78 notes and the total amount is Rs. 1500.

11. If the twenty-rupee notes were 6 less than the ten-rupee notes and the five-rupee notes were 4 more than the fifty-rupee notes, how many five-rupee notes did she have ?

1) 12            2) 32            3) 25            4) 20

12. If starting from the highest, she took out one note from it and then went on taking double the number of notes from each purse as compared to the previous one, how much money would she take out ?

1) Rs. 170    2) Rs. 185    3) Rs. 210    4) Rs. 310

**Directions for question nos. 13 to 17.**

The questions are based on the series of symbols, letters and numbers given below :

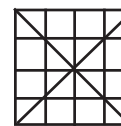
$\Delta$  4 NZ5R  $\square$  E 6H9  $\square$  7KD  $\Delta$  G  $\square$  2 PQ  $\Delta$  M 3 T  $\square$  C 8

13. How many letters in the series are preceded by a symbol and followed by a number ?  
1) 1      2) 2      3) 3      4) 4
14. If the letters in the series are arranged in alphabetical order, how many letters will remain at their place as such ?  
1) 2      2) 3      3) 4      4) 5
15. How many symbols have either letters or numbers on both the sides ?  
1) 5      2) 4      3) 3      4) 2
16. Identify the odd one :  
1) 4Z5      2)  $\square$  EH      3)  $\square$  7K      4)  $\Delta$  MT
17. Which of the following is different from the others ?  
1) C8T3      2)  $\square$  ER 5      3) G  $\square$  DK      4)  $\square$  7H6
18. Find out the pair of numbers that does not belong to the group for lack of common property :  
1) 34 – 43      2) 62 – 71      3) 55 – 62      4) 83 – 92
19. If  $8 \times 9 = 2724$ ,  
 $4 \times 2 = 612$  and  
 $7 \times 3 = 921$ , then  $6 \times 8 = ?$   
1) 1224      2) 2418      3) 1824      4) 1215
20. The population of a town was 20,000 in 1944. It decreased by 10 percent during 1944 – 1954 but increased by 20 percent during 1954 – 1964. What was the population like in 1964 ?  
1) 24,600      2) 22,000      3) 20,800      4) 21,600
21. A party consists of grand-mother, father, mother, four sons and their wives, and one son and two daughters to each of the sons. How many females are there in all ?  
1) 14      2) 16      3) 12      4) 24
22. How many independent words can HEARTLESS be divided into without changing the order of the letters and using each letter only once ?  
1) 2      2) 3      3) 4      4) 5
23. Find the missing number.



- 1) 64      2) 16      3) 512      4) 24

24. How many triangles does the following figure have ?



- 1) 48      2) 44      3) 40      4) 36
25. Six plays – A, B, C, D, E and F – are to be staged, one on each day from Monday to Saturday. The staging of these plays has to follow the following pattern :
    - i) A must be staged a day before E.
    - ii) C must not be staged on Tuesday.
    - iii) B must be staged on the day following the day on which F is staged.
    - iv) D must be staged on Friday only and should not be immediately preceded by B.
    - v) E must not be staged on the last day of the schedule.

Now, which play immediately follows B ?

- 1) C      2) D      3) E      4) A
26. A coin is flipped four times with one of the following results in terms of occurrence of head (H) or tail (T) :  
a) HTTH      b) TTTT      c) HHHH      d) HHTH

Based on the above information what would be the probability of (H) occurring on the fifth flip ?

- 1) 100 %      2) 50%      3) 25 %      4) 0%
27. In one minute,  $\frac{3}{7}$  of a bucket is filled. The rest of the bucket can be filled in  
1)  $\frac{7}{3}$  minutes      2) 21 minutes  
3)  $\frac{4}{3}$  minutes      4) 2 minutes
  28. A child was born on August 18, 1978. It was Tuesday. What day will be his birthday in the year 1986 ?  
1) Monday      2) Thursday  
3) Saturday      4) None of the above
  29. If Venus is brighter than Mercury, Mercury is not brighter than Jupiter, Jupiter is brighter than Venus but not brighter than Pluto, then which of these is the brightest?  
1) Jupiter      2) Mercury      3) Venus      4) Pluto
  30. If  $X = -3$ , then  $X^3 - 3X^2 - 2X - 1$  is equal to  
1) -1      2) 5      3) 10      4) -15
  31. Which of the following lakes is the deepest?  
1) Baikal      2) Mansarovar  
3) Superior      4) Victoria
  32. Which of the following pairs of states experienced the highest rate of population growth (4.97) and the lowest (0.90) respectively, during 1991 – 2001 in India ?

- 1) Tamil Nadu and Nagaland  
2) Nagaland and Manipur  
3) Kerala and Nagaland  
4) Nagaland and Kerala
- 33. Which of the following pairs is Wrongly matched ?**  
1) Bushmen – Australia 2) Gaucho – Argentina  
3) Maoris – New Zealand  
4) Zambos – South Africa
- 34. Identify the odd one :**  
1) Jhoom 2) Bewar 3) Masha 4) Bera
- 35. Which of the following countries does not produce pepper ?**  
1) Malaysia 2) Singapore  
3) India 4) Indonesia
- 36. What is the old name of Iraq ?**  
1) Mesopotamia 2) Persia  
3) Turkmenistan 4) Alexandria
- 37. Mount Everest is located in the**  
1) Middle Himalayas 2) Outer Himalayas  
3) Central Himalayas 4) Lesser Himalayas
- 38. Which of the following is not a tributary of the river Narmada ?**  
1) Dudhi 2) Purna 3) Banjar 4) Hiran
- 39. Which of the following National Highways runs between Pune and Vijayawada via Sholapur and Hyderabad ?**  
1) NH – 6 2) NH – 7 3) NH – 8 4) NH – 9
- 40. In all, how many international airports are there in India ?**  
1) 16 2) 14 3) 18 4) 12
- 41. Which of the following states is not a habitat of the Kuki tribe in India ?**  
1) Manipur 2) Assam  
3) Nagaland 4) Arunachal Pradesh
- 42. Which of the following cities experiences sun-light for the longest period during summer ?**  
1) Mumbai 2) Srinagar 3) Chennai 4) Calcutta
- 43. Which of the following countries are separated by the 49<sup>th</sup> Parallel ?**  
1) France and Germany 2) USA and Mexico  
3) USA and Canada 4) USSR and China
- 44. India leads in the production of**  
1) meat 2) pork  
3) butter and ghee 4) cheese
- 45. After Anantapur district, which is the next largest district in Andhra Pradesh, areawise?**  
1) Krishna 2) Guntur  
3) Mahaboobnagar 4) Prakasam
- 46. Which of the following pairs is wrongly matched ?**  
1) National – Indian National Planning Congress Committee  
2) People's Plan – M. N. Roy  
3) Gandhian Plan – Sriman Narayan  
4) Bombay Plan – Rajaji
- 47. What is meant by 'Bank Rate' ?**  
1) The rate at which commercial banks lend  
2) The rate at which commercial banks accept deposits  
3) The rate at which the Reserve Bank lends to the commercial banks  
4) None of the above
- 48. For the Tenth Five Year Plan period, states have been grouped into A, B, C and D for financing of States' plan investments. In which group is the state of Andhra Pradesh included ?**  
1) A 2) B 3) C 4) D
- 49. What was the sex ratio of Andhra Pradesh during 1991 – 2001 ?**  
1) 983 2) 933 3) 960 4) 978
- 50. Industrial Credit and Investment Corporation of India Ltd. (ICICI) was the second all-India special industrial financial institution to be set up in the country in 1955. Which was the first ?**  
1) Industrial Development Bank of India (IDBI)  
2) Small Industries Development Bank of India (SIDBI)  
3) Industrial Finance Corporation of India (IFCI)  
4) National Small Industries Corporation Ltd. (NSIC)
- 51. Gems and jewellery constituted the highest share in India's exports during 2002 – 2003. Which of the following comes next during the said period ?**  
1) Engineering goods  
2) Chemicals and related products  
3) Ready-,made garments  
4) Crude oil and petroleum products
- 52. India's FOREX reserves crossed a historic high, standing at \$ 110.48 billion as on December 19, 2003. How low were our FOREX reserves in the first half of 1991 ?**  
1) \$ 40 billion 2) \$ 12 billion  
3) \$ 8.4 billion 4) \$ 1.2 billion
- 53. As per the World Water Development Report, what is India's rank in water quality among the list of 122 countries ?**  
1) 74 2) 120 3) 96 4) 14

- 54. Which of the following states does not come under the jurisdiction of the Guwahati High Court ?**  
 1) Assam 2) Tripura 3) Manipur 4) Sikkim
- 55. As per the Indian Constitution, in the Union Council of Ministers.**  
 1) All the Ministers are equal  
 2) Cabinet Ministers are superior to other Ministers.  
 3) Deputy Ministers are superior to Ministers of State, but lower than Cabinet Ministers in rank  
 4) Ministers without portfolios are the lowest in rank in the Council of Ministers.
- 56. How many times has Governor's rule been clamped in Andhra Pradesh so far ?**  
 1) Four times 2) Five times  
 3) Three times 4) Twice
- 57. Including the two nominated members from the Anglo-Indian community, What is the total membership of the Lok Sabha at present ?**  
 1) 542 2) 543 3) 544 4) 545
- 58. Which of the following famous cases, which came before the Supreme Court of India, is not related to the Right to Property ?**  
 1) A. K. Gopalan us. the State of Kerala  
 2) Golaknath Case  
 3) Kesavananda Bharati Case  
 4) Minerva Mills Case
- 59. Which of the following states does not have a Legislative Council ?**  
 1) Maharashtra 2) Rajasthan  
 3) Karnataka 4) Kerala
- 60. If the President of India wishes to resign from the post, to whom does he submit his letter of resignation ?**  
 1) The Chief Justice of the Supreme Court  
 2) The Prime Minister  
 3) The Vice-President  
 4) The Speaker of the Lok Sabha
- 61. Qutub-ud-Din Aibak, the founder of the Slave Dynasty in India was originally a slave of**  
 1) Mahmud Ghazni  
 2) Shams-ud-Din Iltutmish  
 3) Mohammad Ghori  
 4) Ghyas-ud-Din Balban
- 62. As per the historic Uttaramerur Inscription, during whose period did village governments flourish in South India ?**  
 1) The Pandyas 2) The Pallavas  
 3) The Cheras 4) The Cholas
- 63. Who was the founder of the Radhaswami Satsang, a sect born out of Sikkim in 1851?**  
 1) Dayal Das 2) Shiv Dayal Khatri  
 3) Ramtanu Lahiri 4) Baba Balak Singh
- 64. The British Governor - General, who defeated Tipu Sultan and captured Mysore in the Fourth Anglo-Mysore War in 1799, was**  
 1) Warren Hastings 2) Lord Cornwallis  
 3) Lord Wellesley  
 4) The Marquess of Hastings
- 65. Of the following newspapers published during the struggle for India's independence, which one was published in a vernacular language ?**  
 1) Kesari 2) Mahratta  
 3) Bengalee 4) Anand Bazar Patrika
- 66. Identify the odd one :**  
 1) Wilson College, Bombay  
 2) Christian College, Madras  
 3) Noble College, Masulipatnam  
 4) Mayo College, Ajmer
- 67. Who of the following historically prominent Indian national leaders started the Brahminical magazine Brahman Sevadi to defend Hinduism against the Christian missionaries during the 19<sup>th</sup> century ?**  
 1) Raja Ramamohan Roy  
 2) Bankim Chandra Chatterjee  
 3) Debendranath Tagore  
 4) Vivekananda
- 68. Which of the following was the most important pre-Congress nationalist organization, founded in the year 1876 by S. N. Banerji and Ananda Mohan Bose ?**  
 1) Asiatic Society  
 2) Indian Association of Calcutta  
 3) British India Association  
 4) Bengal-British Indian Association
- 69. Which of the following does not constitute a part of the Shad-Darshanas (i.e., six orthodox schools of ancient Hindu philosophy) ?**  
 1) Sankhya 2) Yoga 3) Smriti 4) Nyaya
- 70. The city of Harappa, where the ancient Harappan civilization flourished, is located on the banks of the river**  
 1) Jhelum 2) Chenab 3) Indus 4) Ravi
- 71. The British government conducted the first trial of the INA prisoners in the Red Fort, Delhi in November 1945. Who of the following was not in the dock at the trial ?**  
 1) P. K. Sehgal 2) Shahnawaz Khan  
 3) Gurubaksh Singh Dhillon  
 4) Ras Behari Bose



72. Among the several centres where Jainism flourished, which of the following developed into an important centre under Vajramuni, during the 1<sup>st</sup> and 2<sup>nd</sup> centuries A. D. ?  
1) Kausali 2) Rajagriha 3) Vaisali 4) Ujjain
73. The Governor-General of India, who proposed shifting the Indian capital from Calcutta to Delhi, was  
1) Lord Hardinge – II 2) Lord Curzon  
3) Lord Dufferin 4) Lansdowne
74. Three states which had not acceded to India by 15 August, 1947 were ruled by Princes, whose own religion was different from that of the majority of their subjects. Identify the odd one :  
1) Junagadh 2) Kashmir  
3) Bhopal 4) Hyderabad
75. Who of the following was the last king of the Qutub Shahi dynasty of Golkonda ?  
1) Abdullah Qutub Shah  
2) Ibrahim Qutub Shah  
3) Abul Hasan Tanisha  
4) Mohammad Quli Qutub Shah
76. Identify the odd one :  
1) Saluva 2) Sangama  
3) Tuluva 4) Vishnukundin
77. Who served as the Home Minister in the Interim government headed by Jawaharlal Nehru in 1946 ?  
1) Mohammad Ali Jinnah  
2) Sardar Vallabhabhai Patel  
3) Liaqat Ali Khan 4) Kamaraj Nadar
78. Under whose leadership were branches of the Home Rule Movement started in Andhra Pradesh ?  
1) Konda Venkatappaiah  
2) Kompelle Krishna Rao  
3) Kakani Venkataratnam  
4) Gadicherla Harisarvotham Rao
79. In which of the following sessions of the Indian National Congress did a Telugu man, Anandacharlu, preside, in 1891 ?  
1) Nagpur Session 2) Kakinada Session  
3) Meerut Session 4) Lucknow Session
80. The first Nizam of Hyderabad, who accepted Lord Wellesley's plan of Subsidiary Alliance in 1798, was  
1) Osman Ali Khan 2) Nizam Ali Khan  
3) Nizam - Ul - Mulk  
4) Ibrahim Quli Qutub Shah
81. Which of the following seas is reported recently to be dying because of drying ?  
1) Caspian Sea 2) Red Sea  
3) Dead Sea 4) South China Sea
82. On the report of the UN Environment Programme, the Government of India has launched a study to determine the extent of responsibility of countries for the occurrence of the "Asian Brown Cloud - (ABC)". Where is the ABC formed ?  
1) Over South Asia  
2) Over South - East Asia  
3) Over India's Southern peninsula  
4) Over the Central Asian region
83. The Kambalakonda Reserve Forest in A. P. has been declared by the Union Government a Wildlife Sanctuary. Where is it located ?  
1) In Visakhapatnam District  
2) In Khammam District  
3) In Warangal District 4) In Adilabad District
84. Which of the following is the mysterious place in the Western Atlantic, where a large number of planes and ships have vanished without trace since 1945 ?  
1) Bering Strait 2) Bermuda Triangle  
3) Canary Palms 4) San Miguel Bay
85. The mountain range lying between the Pamir plateau and the Indus river is  
1) Daulagiri 2) Nangaparbat  
3) Purvanchal 4) Karakoram
86. Match the following :
- |                    |                      |
|--------------------|----------------------|
| <b>Grasslands</b>  | <b>Continents</b>    |
| <b>A. Steppes</b>  | i. North America     |
| <b>B. Prairies</b> | ii. South America    |
| <b>C. Pampas</b>   | iii. Europe and Asia |
| <b>D. Savanna</b>  | iv. Africa           |
|                    | v. Australia         |
- |    |     |     |     |    |
|----|-----|-----|-----|----|
|    | A   | B   | C   | D  |
| 1) | i   | ii  | v   | iv |
| 2) | v   | iii | i   | ii |
| 3) | iii | ii  | i   | iv |
| 4) | v   | iv  | iii | ii |
87. Which of the following countries has common borders with the largest number of countries?  
1) Russia 2) France  
3) Kenya 4) Zimbabwe
88. Which of the following planets has the Indian name 'Yama' ?  
1) Uranus 2) Pluto 3) Saturn 4) Neptune

89. Arrange the following cities in decreasing order of their population :
- A. Bangalore      B. Ahmedabad  
C. Kanpur      D. Delhi      E. Kolkata  
1) EADBC    2) DECAB    3) EDABC    4) EDACB
90. Which of the following states has the Great Indian Hornbill, which is considered an endangered species, as its 'State bird' ?
- 1) Meghalaya      2) Arunachal Pradesh  
3) Nagaland      4) Manipur
91. What is Pyrodoxin ?
- 1) Vitamin A      2) Vitamin C  
3) Vitamin B<sub>6</sub>      4) Vitamin B<sub>2</sub>
92. With what is non-stick kitchenware coated?
- 1) Graphite    2) Silicon    3) Glass    4) Teflon
93. Among mosquitoes, which of the following are blood - feeders, found throughout the world ?
- 1) Culex and Anopheles  
2) Anopheles and Aedes  
3) Aedes and Culex  
4) Culex, Anopheles and Aedes
94. Which of the following creatures are stone - deaf ?
- 1) Snakes    2) Lizards    3) Parrots    4) Ants
95. The fingerprints of Siamese twins are
- 1) identical      2) not identical  
3) identical more often    4) identical less often
96. Though their diet is higher in meat and fat and lower in fruit and vegetables, who of the following are known to be free from heart diseases like heart-attacks, unlike others in the world ?
- 1) Eskimos    2) Pigmies    3) Nagas    4) Tartars
97. Which of the following is contagious ?
- 1) Snoring      2) Gnashing  
3) Yawning      4) Vomiting
98. If we make a table-fan rotate at a speed of 50rpm and place it under an electric lamp, it would appear to be
- 1) stationary  
2) rotating slowly forwards  
3) rotating slowly backwards  
4) rotating slowly, both forwards and backwards
99. Where is the Black Box fitted in planes ?
- 1) In the cockpit      2) In the tail - end  
3) In the left wing      4) In the right wing
100. Which of the following statements are not true about gold ?
- a. It is a soft metal.  
b. It has high density; 2 1/2 times that of iron.  
c. Ornaments cannot be made of pure gold.  
d. Gold is not easily scratched.  
e. In 18 carat gold, we find 25 percent copper.  
f. One carat represents 100/24 percent.
- 1) b, d, c      2) a, c, d  
3) d, e, f      4) Only c and d
101. After parboiling, the nutritive value of rice
- 1) increases      2) decreases  
3) neither increases nor decreases  
4) either increases or decreases
102. Bullet - proof vests are made from a fabric of
- 1) silicon nitrate and jute  
2) thickly mixed cotton and jute  
3) nylon  
4) copper and steel wires
103. Why do trees shed their leaves in the winter season ?
- 1) To conserve heat  
2) To rest before the summer growth  
3) To conserve water  
4) To escape being eaten by animals
104. One of the parameters used to gauge the power of a computer is its
- 1) Bandwidth      2) Datawidth  
3) Lanwidth      4) Comwidth
105. A man of AB blood group has met with an accident and requires blood transfusion. Who among the following could donate blood to him ?
- | Relation    | Blood group |
|-------------|-------------|
| a. Wife     | A           |
| b. Son      | AB          |
| c. Friend   | O           |
| d. Daughter | B           |
- 1) Only b (Son)  
2) B and d (Son and daughter)  
3) a, b and d (Wife, son and daughter)  
4) a, b, c and d (Wife, son, friend and daughter)
106. In which of the following atmospheric conditions can seeds be preserved best ?
- 1) Cool and dry      2) Cool and wet  
3) Hot and dry      4) Hot and wet
107. If a colour-blind man is married to a normal-visioned woman whose parents also had normal vision, what proportion of their children is likely to be colour-blind ?
- 1) Zero percent      2) 25 percent  
3) 50 percent      4) 100 percent
108. We denote the time units taken by computers to execute instructions. Which of these time units is the smallest ?
- 1) Nanosecond      2) Microsecond  
3) Picosecond      4) Second

**109. An egg sinks in tap water, but floats in a concentrated solution of salt, because**

- 1) the egg absorbs salt from the solution and expands
- 2) albumin dissolves in salt and the egg becomes lighter
- 3) the density of the salt solution exceeds the density of the egg
- 4) tap water has higher surface tension

**110. Which of the following planets is similar to our Earth in mass, size and density ?**

- 1) Mars
- 2) Venus
- 3) Mercury
- 4) Uranus

**111. Who of the following are immune to measles?**

- 1) One - year old infants
- 2) Infants above seven months and below one year in age
- 3) Children who are more than two years in age
- 4) Infants below six months in age

**112. Ammonia is a compound of**

- 1) Nitrogen and hydrogen
- 2) Hydrogen and oxygen
- 3) Nitrogen and oxygen
- 4) Nitrogen and sodium hydroxide

**113. Which of the following is/are a source Vitamin K ?**

- 1) Shark-liver oil
- 2) Milk, seeds
- 3) Green vegetables, tomatoes, carrots
- 4) Nuts, eggs, liver of animals

**114. Which of the following kinds of glass is used in the production of electric bulbs and optical instruments ?**

- 1) Hard glass
- 2) Flint glass
- 3) Light glass
- 4) Pyrex glass

**115. Identify the odd one :**

- 1) Jaundice
- 2) Typhoid
- 3) T. B.
- 4) Pneumonia

**116. The earliest Europeans to land on Indian soil were the**

- 1) French
- 2) Dutch
- 3) Portuguese
- 4) English

**117. Arrange the following in chronological order:**

- a. The Bahamanis of Deccan
- b. The Reddis of Kondaveedu
- c. The Kakatiyas of Warangal
- d. The Rayas of Vijayanagara
- e. The Gajapatis of Orissa

- 1) c, b, a, d, e
- 2) b, a, c, e, d
- 3) d, c, b, a, e
- 4) c, b, d, a, e

**118. Who of the following were the two sides that fought the Battle of Rakshashi-Thangadi which ended the glory of the Vijayanagar empire in 1565 A. D ?**

- 1) Ramaraya and the Imadshahis of Berar
- 2) The Adilshahis of Bijapur and Ramaraya
- 3) Veeranarasimha and the Nizamshahis of Ahmednagar
- 4) Ramaraya and Nizam Shah of Ahmednagar

**119. Ketana, a famous poet of the Kakatiya times, earned the title Abhinava Dandi by rendering into Telugu the Sanskrit work titled**

- 1) Prataparudra Yasobhushanam
- 2) Dasakumaracharitam
- 3) Nitisastramuktavali
- 4) Panditaradhya Caritram

**120. Where did Goutama, the Buddha die ?**

- 1) Kusinagara
- 2) Kapilavastu
- 3) Saranath
- 4) Gaya

**121. From which of the following sources can the Government of India draw money to meet unforeseen expenditure, additional and excess grants pending authorisation ?**

- 1) Consolidated Fund of India
- 2) Public Account of India
- 3) Reserve Bank of India
- 4) Contingency Fund of India

**122. Which of the following statements regarding the members of the State Public Services Commissions is true ?**

- 1) They are appointed by the President India and can be removed by him.
- 2) They are appointed by the Government and can be removed by him.
- 3) They are appointed by the President and can be removed by the Governor.
- 4) They are appointed by the Governor and can only be removed by the President.

**123. As per the succession of Prime Ministers India, which order among the following, correct?**

- |                   |                      |
|-------------------|----------------------|
| a. Indira Gandhi  | b. Rajiv Gandhi      |
| c. Charan Singh   | d. Morarji Desai     |
| e. Chandrashekhar | f. Gulzari Lal Nanda |
- 1) f, a, d, c, b, e
  - 2) f, d, b, e, a, c
  - 3) f, b, d, e, c, a
  - 4) d, a, b, c, f, e

**124. Zonal Councils have been established by the States Reorganisation Act, 1956, dividing the country into five zones. In which zone is Sikkim included ?**

- 1) Central zone
- 2) Northern zone
- 3) Eastern zone
- 4) Western zone

**125. The Government of India appointed the Official Language Commission in 1955. Who was the Chairman of the Commission ?**

- 1) B. G. Kher
- 2) Gopaldaswamy Iyyangar
- 3) Dr. Zakir Hussain
- 4) Fazl Ali

**126. The National Rural Employment Programme and the Rural Landless Employment Guarantee Programme were launched during the**

- 1) 5<sup>th</sup> Plan period
- 2) 6<sup>th</sup> Plan period
- 3) 7<sup>th</sup> Plan period
- 4) 9<sup>th</sup> Plan period

**127. As regards Local Self-Government Institutions, the 73rd and 74th Constitutional Amendment Acts relating to them are not applicable in the states of**

- 1) Goa, Jammu and Kashmir, Pondicherry  
 2) Delhi, Goa, Mizoram, Meghalaya  
 3) Meghalaya, Delhi, Nagaland  
 4) Sikkim, Assam, Mizoram
- 128. What is the current investment limit in Small Scale Industry ?**  
 1) Rs. 20 lakhs                      2) Rs. 60 lakhs  
 3) Rs. 100 lakhs                      4) Rs. 300 lakhs
- 129. 100% Foreign Direct Investment is permitted in**  
 1) Export Processing Zones  
 2) Special Economic Zones  
 3) Industrial Areas                      4) Industrial Estates
- 130. Which of the following is levied and collected by the Centre, but assigned to the States ?**  
 1) Customs Duties    2) Stamp Duty  
 3) Income Tax                      4) Taxes on Railway fares
- 131. Which of the following items has been taken out of the list of essential commodities, by a recent judgement of the Supreme Court of India, on the ground that it does not come under the 'food' category ?**  
 1) Cooking oil                      2) Tea  
 3) Coffee                      4) Mineral water
- 132. On November 5, 2003, Prince Charles of England visited Dharavi, Asia's biggest slum in the heart of Mumbai. He was accompanied by the President of the National Slum Dwellers' Federation, who is also a Magsaysay awardee. Who is he ?**  
 1) K. Ananta Swamy                      2) Anu Nambiar  
 3) Thanu Bhutia                      4) Joachim Arputham
- 133. Who, among the following is the Hollywood actress, who has been nominated 13 times for the Oscar, breaking the earlier record of 12 times by Katharine Hepburn and has been awarded the American Film Institute's Lifetime Achievement Award, 2003 ?**  
 1) Meryl Streep                      2) Joan Crawford  
 3) Rosalind Russel                      4) Bette Davis
- 134. The South African novelist, J. M. Coetzee, won the 2003 Nobel Prize for literature. Among the following works, which one is not authored by him ?**  
 1) Life and Times of Michael K.  
 2) Waiting for the Barbarians  
 3) Disgrace                      4) The Napier Straits
- 135. China launched a manned spacecraft successfully on 15 October, 2003. Which of the following statements are not true about the event ?**  
 a. It is code-named 'Project 920'.  
 b. China has spent \$ 2.2 billion so far on the project.  
 c. The name of the spacecraft is Shenzhou-5.  
 d. China became the 5<sup>th</sup> manned space - faring nation in the world with this launch.
- e. Yang Liwei, the person who manned the craft, is the 431<sup>st</sup> man of the 241 manned missions into space so far.**
- f. The name of the two-stage launcher is Chang Zheng - 2F.**  
 1) b, f                      2) a, d                      3) c, f                      4) d, e
- 136. Bobby Jindal, an Indian-American who contested the election for the position of Governor of Louisiana in USA, was defeated by 52 per cent to 48 per cent votes. Who defeated him in the straight contest to become the first woman Governor of the State of Louisiana from the Democrats ?**  
 1) Margaret Simpson    2) Mary Marolaux Smith  
 3) Kathleen Babineaux Blanco  
 4) Zenda Raphael
- 137. The Eco-ship Rainbow Warrior, belonging the Green peace Group came to Mumbai recently to launch Greenpeace India's campaign, focussing on the ecologically hazardous ship-breaking yard at Alang Which of the following statements is not true about the Rainbow Warrior ?**  
 a. Its chief is Lesley Simkiss.  
 b. Its Medical Officer is Moritz Kulotenbrarier.  
 c. The ship is not the original Rainbow Warrior.  
 d. It was docked in Mumbai last in December 1999.  
 e. The original Rainbow Warrior was actually sunk by French agents in 1985.  
 f. The earlier name of the Rainbow Warrior was Grampo Pleasure.  
 1) a, d, f                      2) b, e, d                      3) a, b, c                      4) a, b, f
- 138. Boyi Bheemanna was presented the Jashuva Foundation's prestigious "Jashuva Sahitya Puraskaram" on December 16, 2003. Who of the following Telugu poets got it earlier ?**  
 1) Dr. C. Narayana Reddy    2) Nagnamuni  
 3) K. Siva Reddy                      4) None of the above
- 139. Karan Thapar won the Best Current Affairs Presenter Award of the prestigious Asian Television Awards - 2003 at a grand ceremony in Singapore on December 7, 2003. What are the programme and the episode for which he won this award ?**  
 1) 'Court Martial' / Interview with Pakistan's Foreign Minister, Khurshid Kasuri  
 2) 'Spotlight' / Interview with Vladimir Putin  
 3) 'Face to Face' / Interview with Radha, Raja and Kousalya Reddys  
 4) 'Point Blank' / Interview with the Kathak dancer, Sonal Mansingh
- 140. The name of the world's fastest cruise missile Brah Mos has been coined by taking**  
 1) Brahma, the God of creation in Indian mythology and Moses, the Biblical prophet







- 2) The Indian river, Brahmaputra and the Russian river, Moskva  
 3) Brahma, the Indian god and the Russian river, Moskva  
 4) The river, Brahmaputra and Moses, the Biblical prophet
- 141. The Bollywood actor, Dev Anand, was chosen for the Dada Saheb Phalke Award for the year 2003 recently. Which of the following is his last film, which flopped miserably?**  
 1) Love in Times Square 2) Beauty Queen  
 3) Rockfort Express 4) Nandini
- 142. Who authored the Preamble of the proposed Constitution of the European Union?**  
 1) Cardinal Dubois 2) Jacques Chirac  
 3) Maurice Druon 4) Valery Giscard D'Estaing
- 143. Which of the following groups of countries decided recently to construct/upgrade the 1360 km Moreh – Bagan – Mae Sot Highway, work on which will begin early in 2004 ?**  
 1) China, Bhutan, India  
 2) India, Myanmar, Thailand  
 3) Myanmar, Cambodia, India  
 4) India, China, Myanmar
- 144. Whom did Time magazine choose recently as its Person of the Year for 2003 ?**  
 1) The American Soldier 2) The Google Guys  
 3) Jiang Yanyong (Chinese SARS Whistle-blower)  
 4) Dick Grasso
- 145. Who of the following has been described by UNICEF's Report, The State of the World's Children : 2004, as the role model and featured on the cover of the report which was released on December 11, 2003 in New Delhi ?**  
 1) Lalitakumari 2) Shyamala Ben  
 3) Maria Calivis 4) Nandita Das
- 146. On December 11, 2003, France's high-flown committee of lexicographers, the Academie Francaise, made the former French President Valery Giscard D'Estaing an 'Immortal'. Which of the following statements are untrue about he Academie Francaise ?**  
 a. It was founded in 1635 A. D  
 b. It was founded by Cardinal Richelieu.  
 c. It was founded by King Louis XIII.  
 d. It guards the French language from anglicization.  
 e. Its latest Frenchified word for 'e-mail' is 'Fe-mail'.  
 f. Its members' average age is late 70s.  
 g. Its members are called 'Immortals'.  
 h. It has made D'Estaing a member in the vacancy of the late Poet-President of French Guiana, Leopold Sedar Senghor.  
 1) a, c, d 2) c, e, h 3) a, f, h 4) b, f, g
- 147. Who, among the following, is not a recipient of the Cyber Oscar Award presented on December 10, 2003 in Geneva during the World Summit on the Information Society ?**  
 1) Marcia de Toni 2) Ansbert Ngurumo  
 3) Anand Parthasarathy 4) Mwananchi Wiki Hii
- 148. Which of the following Bollywood films recently became the world's first feature film to be offered for download from the popular net www. kazam. com at a cost of \$ 2.99 ?**  
 1) Kal Ho Na Ho 2) Supari  
 3) The Legend of Bhagat Singh 4) Fire
- 149. After 31 years of glorious service to the nation, the last of the Petya class warships, INS Anjadip, was decommissioned ceremoniously on December 13, 2003 at the Visakhapatnam naval base. Who was its last Commanding Officer ?**  
 1) Siddhartha Panda 2) O. P. Bansal  
 3) R. K. Sharma 4) Goutam Patnayak
- 150. Where did the Biswa Iftema or World Muslim congregation, believed to be the largest Muslim gathering after the Haj of Mecca, take place during December 2003, where three million devotees from 70 countries participated ?**  
 1) Tongi in Bangladesh  
 2) Kuala Lumpur in Malaysia  
 3) Djakarta in Indonesia 4) Java

**ANSWERS**

- |          |        |        |        |        |        |
|----------|--------|--------|--------|--------|--------|
| 1) 1     | 2) 2   | 3) 1   | 4) 3   | 5) 4   | 6) 2   |
| 7) 1     | 8) 1   | 9) 2   | 10) 1  | 11) 4  | 12) 1  |
| 13) 3    | 14) 4  | 15) 1  | 16) 3  | 17) 2  | 18) 3  |
| 19) 2    | 20) 4  | 21) 1  | 22) 1  | 23) 3  | 24) 1  |
| 25) 4    | 26) 2  | 27) 3  | 28) 4  | 29) 4  | 30) -- |
| 31) 1    | 32) 4  | 33) 1  | 34) 1  | 35) 2  | 36) 1  |
| 37) 3    | 38) 2  | 39) 4  | 40) 1  | 41) 4  | 42) 3  |
| 43) 3    | 44) 3  | 45) 3  | 46) 4  | 47) 3  | 48) -- |
| 49) 4    | 50) 3  | 51) 2  | 52) 4  | 53) 2  | 54) 4  |
| 55) 1    | 56) 4  | 57) 4  | 58) 1  | 59) 4  | 60) 3  |
| 61) 3    | 62) 4  | 63) 2  | 64) 3  | 65) 1  | 66) 4  |
| 67) 3    | 68) 2  | 69) 3  | 70) 4  | 71) 4  | 72) 3  |
| 73) 1    | 74) 3  | 75) 3  | 76) 4  | 77) 2  | 78) 4  |
| 79) 1    | 80) 2  | 81) 3  | 82) 1  | 83) 1  | 84) 2  |
| 85) 4    | 86) -- | 87) 1  | 88) 2  | 89) 3  | 90) 2  |
| 91) 3    | 92) 4  | 93) 4  | 94) 1  | 95) 2  | 96) 1  |
| 97) 3    | 98) 3  | 99) 1  | 100) 3 | 101) 1 | 102) 1 |
| 103) 3   | 104) 1 | 105) 4 | 106) 1 | 107) 1 | 108) 3 |
| 109) 3   | 110) 2 | 111) 4 | 112) 1 | 113) 4 | 114) 2 |
| 115) 1   | 116) 3 | 117) 4 | 118) 2 | 119) 2 | 120) 1 |
| 121) 4   | 122) 4 | 123) 1 | 124) 3 | 125) 1 | 126) 2 |
| 127) 3   | 128) 3 | 129) 2 | 130) 4 | 131) 2 | 132) 4 |
| 133) 4   | 134) 4 | 135) 2 | 136) 3 | 137) 4 | 138) 4 |
| 139) 1&3 | 140) 2 | 141) 1 | 142) 4 | 143) 2 | 144) 1 |
| 145) 1   | 146) 2 | 147) 4 | 148) 2 | 149) 2 | 150) 1 |

**GROUP - 1 PRELIMINARY EXAMINATION**  
**GENERAL STUDIES & MENTAL ABILITY - 2002**

1. East Timor became an independent nation recently. Under whose rule was East Timor earlier ?  
a) The Dutch                      b) The portuguese  
c) The French                      d) The Spanish
2. The Indian Railway recently created two new railway zones with their headquarters at  
a) Nagpur and Simla      b) Jhansi and Jodhpur  
c) Bhubaneshwar and Nagercoil  
d) Jaipur and Hajipur
3. The English Version of Girish karnad's play, Bail (sacrifice) was premiered by the Leicester Haymarket Theatre in U. K. recently Who is the director of the play ?  
a) Naseeruddin Shah      b) Gray Taylor  
c) Nana Sheppard      d) Girish Karnad
4. Lakshmi Sehgal contested the presidential election along with Dr. A. P. J. Abdul Kalam, what is her mother tongue ?  
a) Tamil / Malayalam      b) Telugu  
c) Kannada                      d) Punjabi
5. The French Government conferred Chevalier deondere National de merit, a highly prestigious award of the Government of France, on Dr. B. Balasubramanian recently. Without of the following is not true about Dr. Bala subramanian ?  
a) He is the Director of the L. V. Prasad eye institute.  
b) He is a padmashree awardee  
c) He served as the Director of CCBM, Hyderabad  
d) He has already been awarded the OBE by the Queen England
6. Which of the following doors would be opened at the end ?  
a) 80th door b) 81th door c) 83rd door d) 84th door
7. Which of the following doors would be in closed position ?  
a) 1st door                      b) 81st door  
c) 21st door                      d) None of the above
8. In a certain code, Sa re ga ma means "island of the dead", ga pa re dha means "The End of Time", na se ma pa means "It is dead end". Then, which of the following could mean "Time of the Jackal" ?  
a) Sur ga re pa                      b) Ga sur pa ma  
c) re ga sur dha                      d) ga re dha ma
9. If pou is code for "monkey" and ga pur do ma means "the Jackal is dead" What is the code for "The monkey is dead" ?  
a) ga sur ma pou                      b) ga do pou ma  
c) sur do go po                      d) cannot be determined
10. Which of the following is the correct insignia of swastile ?  
a)  b)  c)  d) 
11. Find the odd man out from the following  
a) FJQP      b) CGON      c) HLTS      d) LPXW
12. If "-" stands for division, "plus" stands for multiplication "x" stands for subtraction and "x" stands for additive which of the following equations is correct ?  
a)  $4 \times 4 \div 9 - 3 + 4 = 18$   
b)  $4 \quad 5 + 9 \times 3 - 4 = 17$   
c)  $4 \quad 5 \times 9 - 3 + 4 = 11$   
d)  $4 \times 5 \quad 9 - 3 \quad 4 = 15$
13. In which order do the following words appear in the dictionary ?  
a) Repoint      b) Reptile      c) Repent      d) Repute  
i) E, D, A, C, B                      ii) C, A, E, B, D  
iii) C, E, A, B, D                      iv) E, A, D, C, B
14. If the value of CAT = 24 and that of DOG = 26, what would be the value of PIG ?  
a) 37                      b) 25                      c) 29                      d) 32
15. If MISTAKE is written as 4356127 in a certain code, How would STEAM be written in that Code ?  
a) 13457                      b) 75614                      c) 65741                      d) 56714
16. There are deer and peacocks in a zoo. If heads are counted. They are altogether 80. The number of their legs is 200. How many peacocks are there in the zoo ?  
a) 60                      b) 20                      c) 50                      d) 30
17. Amol is standing facing north. He walks 10km straight, turns left and walks another 10km turns right and walk 5km and finally, turns left and walks 15km to reach a park, which direction is he facing now ?  
a) East                      b) West                      c) North                      d) South
18. Identify the missing letter in the following C  
a) V                      b) S                      c) T                      d) M

19. How many "A" s are there in the following series which are immediately followed by "B" as well as immediately preceded by "Z"?  
A M B Z A N A A B Z A B A Z B A P Z A B A Z A B

- a) Three    b) Nil    c) One    d) Two

20. Who is the fastest runner ?

- a) Jain    b) Peter    c) Ram    d) Rahim

21. Who is the slowest runner ?

- a) Jain    b) Peter    c) Ram    d) Rahim

22. Who would come second in the race ?

- a) Jain    b) Peter    c) Ram    d) Rahim

23. Find the missing alphabet in the given figure?



- a) T    b) N    c) K    d) Y

24. From the word "ASTOUNDER" how many independent words can be made without changing the order of the letters and using each letter only once ?

- a) None    b) Two    c) Three    d) Four

25. If lead is called stick, stick is called nib, nib is called needle, needle is called rope and rope is called thread. What is fixed in a pen that helps us to write ?

- a) Stick    b) Nib    c) Needle    d) Thread

26. Six persons A, B, C, D, E and F are standing in a circle B is between F and C. A is between E and D. F is to the left of D. Who is between A and F ?

- a) B    b) C    c) D    d) E

27. A person wired his brother as R T D F M O C E L N N P S U G I D F Q S R T N P N P M O and he meant "Send mother soon". A day later he received the replay. L N N P S U G I D F Q S H J R T H J K M K M. What did he mean ?

- a) Mother is arriving    b) Mother cannot come  
c) Mother is ill    d) Mother not here

28. A family consisted of grandmother, father, mother, four sons and their wives and one son and two daughters to each of the sons. How many females are there in all in the family ?

- a) 14    b) 16    c) 12    d) 24

Choose the answers for questions 29 to 30. Amit, Rahul's son, Rahul's sister Sarika, her son is Sonu and Rita is the daughter. Raja is Sonu's Uncle.

29. How is Amit related to Sonu ?

- a) Nephew    b) Cousin (brother)  
c) Uncle    d) No relationship

30. How is Rita related to Raja ?

- a) Sister    b) Daughter  
c) Niece    d) No relationship

31. Some of the regional bases of militants nationalism down to 1907 – 1919 are given below. Find the odd one out.

- a) Bengal    b) Punjab  
c) Gujarat    d) Maharashtra

32. Which of the following cities was founded by the king Ajata Satru ?

- a) Dhanyakatakam    b) Nalanda  
c) Pataliputra    d) Lumbini

33. Sri Edwin Lutyens was the architect of the city of

- a) Chandigarh    b) Delhi  
c) Calcutta    d) Lahore

34. Who was the only Governor - General / Viceroy who met with his death by assassination in India ?

- a) Lord Wellesley    b) Lord Clive  
c) Lord Mayo    d) Lord Minto

35. Devendranath Tagore was the founder of

- a) Yugantar    b) Anuseelan Samiti  
c) Brintish Indian Association  
d) Brahma Samaj

36. Which of the following works was authored by Harsha ?

- a) Naganandam    b) Leelavathi  
c) Nalacharitam    d) Naishadheeyam

37. Which was the organisation set up by Shri N. M. Joshi, in 1920 ?

- a) AITUC    b) INTUC  
c) CITU    d) Hind Mazdoor Sangh

38. Which of the following is considered the most important document on education in British India ?

- a) The Hunter Commission Report  
b) Charles Wood's Dispathe  
c) Maeanlay's minute    d) The sargeant plan

39. The world famous and historically important bronze Nataraja images of South India flourished during the times of the

- a) Pandyas    b) Charas  
c) Pallavas    d) Imperial Cholas

40. Qutb-ud-din Aibek was the founder of the

- a) Mughal dynasty in India  
b) Slave dynasty in India  
c) Khilji dynasty in India  
d) Sayyad dynasty in India

41. At which of the following part towns did Vasco da Gama Land in 1498 AD ?

- a) Quilon    b) Cochin    c) Calicut    d) Surat

42. In which battle did Alexander defeat porus in 327 B. C. ?  
 a) The battle of Sutlej  
 b) The battle of Hydaspes  
 c) The battle of Nikatar d) The battle of Sind
43. Who sent Sir Thomas Roe as an ambassador to the Court of the Emperor Jahangir ?  
 a) King Charles II b) King James I  
 c) Louis XIV d) Queen Elizabeth I
44. Find the odd man out  
 a) Megasthenes b) Fe-Hien  
 c) I - Tsing d) Hieun - Tsang
45. Who of the following was given the name "Sarlabehn" by Mahatma Gandhi ?  
 a) Madame Cama b) Rajkumari Amrit Kaur  
 c) Leatherine Mary Heilman  
 d) Madeliene Slade
46. The Leonid Storm which will occur in the months of November 2002 attracts mostly  
 a) Astronomers b) Oceanographers  
 c) Economists d) Zoologists
47. Thiamin is popularly known as  
 a) Vitamin B<sub>1</sub> b) Protein  
 c) Vinegar d) Yeast
48. What is Cosmic dust ?  
 a) Material found on the moon  
 b) Dust produced by the sun  
 c) Small particles of matter distributed through out space  
 d) Dust found in constellations of stars
49. Which of the following is not an opium derivative ?  
 a) Morphine b) Heroin c) Codeine d) Cocaine
50. What is the percentage of gold in 14 carat gold?  
 a) 58% b) 14% c) 86% d) 42%
51. Which of the following is also called artificial silk ?  
 a) Polymers b) Rayon  
 c) Glasswool d) Allotropy
52. Which of the following cannot be extinguished by using water ?  
 a) Plastic fire b) Oil fire  
 c) Fire caused by a thunderbolt d) Textile fire
53. In CT and 'CT' stands for  
 a) Computerised Transmission  
 b) Computerised Tomograph  
 c) Chardacles Technique d) Cardiac Tracer
54. Triple Antigen is a  
 a) Vaccine against tetanus, whooping cough and diphtheria  
 b) Vaccine against malaria, typhoid and cancer  
 c) Vaccine against polio, rabies and hepatitis  
 d) Mixture of viruses that cause tetanus, diphtheria and whooping cough
55. Fathometer is an instrument used to measure the  
 a) Velocity of sound b) Frequency of sound  
 d) Depth of the sea d) Wavelength of sound
56. Drugs which can be sold only on the prescription of registered medical practitioners are categorized as  
 a) R drugs b) Schedule - H drugs  
 c) Poison d) Life - saving drugs
57. Hepatitis is a disease related to  
 a) Burning of the heat  
 b) Inflammation of the liver  
 c) Damage to kidneys  
 d) Death of blood cells
58. Which of the following is a ship - to - ship missile, produced by India ?  
 a) Agni b) Brahmos c) Dhanush d) Akash
59. The major component of honey is  
 a) Maltose b) Fructose c) Glucose d) Sucrose
60. The space shuttle discovery, which lifted off in December 1999, was on a mission to  
 a) Fix the gyroscope in space  
 b) Fix the Hubble telescope  
 c) Take photographs of mars  
 d) Take photographs of mars
61. A new export zone to boost mango exports has been recently set up in  
 a) Maharashtra b) Bihar  
 c) Delhi d) Uttar Pradesh
62. Which of the following aspects has been included in the list of Fundamental Right in the Indian Constitution ?  
 a) Reservation for SC's and ST's in promotions  
 b) Banning child labour  
 c) Free and compulsory education to children upto the age of 14 years  
 d) Hoisting national flag at one's residence
63. Which of the following is not an export item from India ?  
 a) Manufactured goods  
 b) Handicrafts and textiles c) Gems  
 d) Milk and Milk products
64. How many times has Ms. Mayawathi, the BSP Leader, become the Chief Minister of Uttar Pradesh, including her latest oath taking as Chief Minister of May 3, 2002 ?  
 a) Only once b) Twice  
 c) Three times d) Four times



65. Which of the following states continues to be at the top, showing a high quality of life, as per the National Human Development Report of April 2002 ?  
 a) Maharashtra                      b) Kerala  
 c) Andhra Pradesh                      d) West Bengal
66. Which of the following political parties did not participate in the voting in the opposition sponsored censure motion on Gujarat on April 30, 2002 in the Lok Sabha ?  
 a) Bahujan Samaj Party    b) Telugu Desam Party  
 c) Samatha Party                      d) AIADMK
67. The growth rate in India is said to have peaked during the Eighth plan period, when it touched.  
 a) 6.7 %    b) 8.0%    c) 9.0%    d) 7.6%
68. Which of the following has been removed as one of the Criteria for mandatory filing of income Tax returns in the budget for 2002 – 2003?  
 a) Telephone Connection    b) Cell phone  
 c) Membership of a club with a certain amount of membership fee  
 d) Going abroad
69. Who of the following presidents of India refused to give his assent to the Indian post office Bill ?  
 a) Dr. Sarvepalli Radhakrishnan  
 b) Sri. V. V. Giri  
 c) Dr. Zakir Hussain    d) Gyani jail Singh
70. Who of the following enjoyed the distinction of being recognised as the leader of the opposition in the Lok Sabha for the first time ?  
 a) A. K. Gopalam                      b) Y. B. Chavan  
 c) Shyam Prasad Mukherjee    d) Indira Gandhi
71. Appointments to the All India Services are made by the  
 a) President of India  
 b) Governors of the respective States  
 c) Union Public Service Commission  
 d) Public Service Commissions of the respective States
72. Decentralised planning on the basis of Panchayathi Raj institutions was recommended by the  
 a) balwant Rai Mehta Committee  
 b) Mahalanobis Committee  
 c) Ashok Mehta Committee  
 d) Gadgil Committee (Gadgil)
73. Which of the following pairs is not correctly matched ?  
 a) Bombay plan - John Mathai  
 b) People plan - M Visweswarayya  
 c) Gandhina plan - Shriman Narayan  
 d) Second plan - PC. Mahalanobis
74. What was the total subsidy under the Public Distribution System in the year 2000 - 2001?  
 a) Rs. 2,400 crores    b) Rs. 4, 000 crores  
 c) Rs. 8,400 crores    d) Rs. 8,100 crores
75. The National Income in India is estimated by  
 a) Indian standard institution  
 b) Indian statistical institute  
 c) Central statistical organisation  
 d) National council of applied economic research
76. What is the Chief source of political power in India ?  
 a) The people                      b) The constitution  
 c) The parliament  
 d) The parliament and the state legislatures
77. Which of the following exercised the most profound influence on the Constitution of India?  
 a) The government of India act, 1935  
 b) The U. S. constitution  
 c) The British constitution  
 d) The U. N. Charter
78. Which of the following is true in the case of the Prime Minister of India ?  
 a) The presidents appoints the Prime Minister  
 b) The Prime Minister is elected by the parliament  
 c) The Prime Minister is elected by the Lok Sabha  
 d) The Prime Minister functions as the Leader of the Parliamentary Party in the Lok Sabha
79. The Jawahar Rozgar Yojana was restructured in 1999 as  
 a) Jawahar Samridhi Yojana  
 b) Jawahar Gram Yojana  
 c) Gram Samridhi Yojana  
 d) Jawahar Gram Samrighi Yojana
80. In which year was the Integrated rural development programme started ?  
 a) 1976    b) 1979    c) 1980    d) 1984
81. Which of the following had Chandra Guptha Maurya Revolt against the Nanda King as its plot ?  
 a) Koutilya' Arthasastra  
 b) Visakhadatta's Mudrarakshasa  
 c) Patanjali's Mahabhashya  
 d) Megasthenes Indica
82. Who were the Mughals, who ruled India. Originally ?  
 a) Turks    b) Mongols    c) Afghans    d) Arabs
83. Jaimini was the exponent of purva mimansa.

- Who was the exponent of Uttara mimamsa ?**  
a) Patanjali b) Goutama c) Kapil d) Vyasa
- 84. Who of the following is also known as Malikibharam ?**  
a) Ibrahim Quli Qutub Shah  
b) Nizam - Ul - Mulk  
c) Abdul Hasan  
d) Mohammad Quili - Qutub - Shah
- 85. Which of the following has been authored by Kancherla Gopanna.**  
a) Sumathi Satakam b) Bhaskara Satakam  
c) Dasarathi Satakam d) Vemana Satakam
- 86. Betha Raj - 1 was the first Kakatiya King according to the**  
a) Junagad inscription  
b) Ghantasala inscription  
c) Kazipet inscription  
d) Amaravathi inscription
- 87. Who of the following roots adorned the Court of the Pedakomati Vema Reddy ?**  
a) Bammera Potanamathya  
b) Srinatha Sarvabhonma  
c) Tikkana Somayaji  
d) Vemulavada Bhima Kavi
- 88. In which of the following works has the city of warangal been very vividly described ?**  
a) Rajashekhara Charitram  
b) Kalapoomnodayam  
c) Kreedabhiramam d) Neelambari
- 89. Nizam - Ul - Mulk was the founder of the**  
a) Qutub Shahi Dynasty b) Asaf Jahi Dynasty  
c) Adil Shahi Dynasty d) None of the above
- 90. "Do" or "Die" was one of the most powerful slogans of Indias freedom struggle who gave this slogan ?**  
a) Gandhiji b) Jawaharlal Nehru  
c) Balagangadhar Tilak  
d) Subhash Chandra Bose
- 91. Why do we always see the same face of the moon ?**  
a) Because it is smaller than the Earth  
b) Because it revolves on its axis in a direction opposite to the Earth  
c) Because it takes equal time for both revolution on its own axis  
d) Because it rotates with the same speed as the earth around the sun
- 92. Which of the following cities never gets the Vertical rays of the sun ?**  
a) Hyderabad b) Delhi  
c) Kolkata d) Mumbai
- 93. Which of the following organisations Prepares to Biographical Maps of India ?**  
a) Geological Survey of India  
b) Survey of India  
c) Ministry of Defense  
d) National Atlas and Themalie Mapping Organisation
- 94. Which of the following is a nomadic tribe ?**  
a) Eskimo b) Boro c) Pygmy d) Masai
- 95. Which of the following is the ascending order (from bottom) of oil, water and gas in a well ?**  
a) Water, oil and gas b) oil, gas and water  
c) gas, oil and water d) water, gas and oil
- 96. Which of the following has the highest salinity ?**  
a) Dead Sea b) Caspian Sea  
c) Utah Lake d) Red Sea
- 97. At which of the following groups of cities are the BHEL plants located ?**  
a) Bhopal, Hyderabad, Pinjore  
b) Haridwar, Thiruchirapally, Srinagar  
c) Delhi, Mumbai, Kolkata  
d) Bhopal, Hyderabad, Thiruchirapally
- 98. Which of the following State has the Longest Sea Coast ?**  
a) Andhra Pradesh b) Kerala  
c) Maharashtra d) Orissa
- 99. Which of the following pairs is correct matched ?**  
a) Meghalaya - Kohima  
b) Andhra Pradesh - Hyderabad  
c) Mozoram - Shilong d) Tripura - Imphal
- 100. Which of the following is the greatest delta in the world ?**  
a) Ganges delta b) Nile delta  
c) Mississippi delta d) Amazon delta
- 101. Which is the highest airport in the world ?**  
a) Kathmandu b) Lhara  
c) Teheran d) Tashkent
- 102. The world's large fishing grounds are round at the Junction of**  
a) Warm and cold currents  
b) Continent and ocean  
c) Forest and Sea d) Mountain and Sea
- 103. Which of the following countries produces the largest quantity of long staple cotton in the entire world ?**  
a) China b) India c) I gypt d) U S A
- 104. Which of the following is the highest peak in India ?**  
a) Mr. Everest b) Kanchenjunga  
c) K<sup>2</sup> d) Kailash



- a) Because the heat is more eventually distributed  
 b) Because the high pressure tenderises the food  
 c) Because the boiling point inside is elevated  
 d) Because larger flame is used by the stove
- 131. The Vice-president, Krishna Kanth released a book titled "The Saga of Hyderabad struggle in India's Freedom Movement" on may 19, 2002 in Hyderabad in the presence of three Chief Ministers. Who is / are the Author(s) of the book ?**  
 a) P. V. Narasimha Rao    b) Vilas Rao Deshmukh  
 c) V. H. Desai and C. Sudarshan  
 d) Swami Ramananda Tirtha
- 132. The gas Authority of India Limited (GAIL) recently launched the Construction work of a 600km long gas pipeline between**  
 a) Vishakhapatnam and Nellore  
 b) The Godavari Basin and Bangalore  
 c) Bombay High and Nasik  
 d) Visakhapatnam and Secunderabad
- 133. Which of the following are proposed to be declared as National Institutes of Technology as per the recent announcement of the Union Minister for HRD, Dr. Murali Manohar Joshi ?**  
 a) Indian Institutes of Technology  
 b) Regional Engineering Colleges  
 c) Technological universities  
 d) Accredited Engineering Colleges
- 134. Which of the following is not true about Justice G. T. Nanavathi, who has been appointed a number of the Enquiry Commission on the Godhra train Carnage and the Gujarat Communal riots ?**  
 a) He served as the Chief Justice of the Karnataka  
 b) He served as the Chief Justice of the Orissa High Court  
 c) He served as member of the Enquiry Commission on the anti - sikh riots of 1984  
 d) He served as the Chief Justice of the Madras High Court
- 135. Which of the following Countries is not a signatory to the Almaty charter, signed by a 16 - nations Summit in June 2002 ?**  
 a) Thailand                      b) India  
 c) Kyrgyzstan                  d) Palestine
- 136. Who was awarded the UNEP's most prestigious international honour. "The global 500 roll of Honour for Environmental Achievement" in June 2002 ?**  
 a) Rajasthan in India  
 b) Guangdon Province in China  
 c) Kutch Province in Gujarat  
 d) Sunderbans in West Bengal
- 137. Subhas Gupta, one of the finest cricketers of India, who died in Trinidad recently in May, 2002, was**  
 a) Batsman                      b) Leg spinner  
 c) Fast bowler                  d) Medium - fast bowler
- 138. Who officially declared open the 2002 FIFA World Cup Football Tournament in Seoul on May 31, 2002 ?**  
 a) The South Korean President, Kim Dae Jug  
 b) The Prime Minister of Japan, Junishiro Koizumi  
 c) The newly elected FIFA President, Sepp Blatter  
 d) The French Soccer Star, Zinedine
- 139. The three decades old Foreign Exchange Regulation Act (FERA) has been replaced recently by the**  
 a) Foreign exchange service act (RESA)  
 b) Foreign exchange management act (FEMA)  
 c) Foreign exchange control act (FECA)  
 d) Foreign exchange distribution act (FEDA)
- 140. Two women, Ann Daniel and Caroline hamilton, Created history by reaching the North Pole recently, becoming the first female explorers to walk to both the poles. They belong to**  
 a) England                      b) Canada  
 c) New Zealand                d) Australia
- 141. The creator of the world famous Barbie doll, who died recently, was**  
 a) Juliana Mary                b) Ruth handler  
 c) Margaret Leelly            d) Nancy King
- 142. Which of the following novels won the 2002, Pulitzer prize for fiction ?**  
 a) Top Dog / Under Dog    b) Nation Challenged  
 c) Empire Falls                d) Green leaves
- 143. Who of the following became the first ever black Cabinet Minister in Britain recently ?**  
 a) Peter Mendelson          b) Jo moore  
 c) Martin Sixsmith          d) Paul Boating
- 144. Where will the 5th World Telugu Federation Conference be held in December 2002 ?**  
 a) Kuala Lumpur              b) Bangkok  
 c) Singapore                  d) Manila
- 145. Who won the 2002 world professional Billiards Championship in May, 2002 ?**  
 a) Russell Crowe              b) Peter Gilchrist  
 c) Dhruv Sitwala              d) Mike Russell
- 146. Who of the following has recently been elected**



**Chairman of the Pugwash Movement, Started by Albert, Einstem in 1955 ?**

- a) Dr. M. S. Swaminathan
- b) Dr. A. P. J. Abdul Kalam
- c) Dr. Raja Ramanna
- d) Dr. R. Chidambaram

**147. The movie, which won the Golden Palm Award in the Cannes International film festival during May 2002, is**

- a) The pianist                      b) The Tenant
- c) The man without a past
- d) Divine Intervention

**148. Which of the following Countries joined NATO recently ?**

- a) France                              b) Germany
- c) Russia                              d) Britain

**149. The rolling stones pop star singer, who is going to be conferred knighthood by Queen Elizabeth II is**

- a) Elton John                      b) Paul Mc Cartney
- c) Micle Jagger                      d) San Cagnan

**150. Where was the conference of the World Council of Religious leaders held during June 2002?**

- a) Bangkok                              b) Taipei
- c) Manila                              d) Laos

## ANSWERS

- |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 1) b   | 2) d   | 3) a   | 4) a   | 5) b   | 6) b   |
| 7) c   | 8) d   | 9) b   | 10) d  | 11) a  | 12) c  |
| 13) b  | 14) d  | 15) d  | 16) a  | 17) b  | 18) a  |
| 19) a  | 20) a  | 21) d  | 22) b  | 23) b  | 24) a  |
| 25) c  | 26) c  | 27) c  | 28) a  | 29) c  | 30) c  |
| 31) c  | 32) c  | 33) a  | 34) c  | 35) c  | 36) a  |
| 37) a  | 38) b  | 39) d  | 40) b  | 41) c  | 42) b  |
| 43) b  | 44) a  | 45) c  | 46) a  | 47) a  | 48) c  |
| 49) d  | 50) a  | 51) b  | 52) b  | 53) b  | 54) a  |
| 55) c  | 56) a  | 57) b  | 58) c  | 59) b  | 60) b  |
| 61) d  | 62) c  | 63) d  | 64) c  | 65) b  | 66) b  |
| 67) a  | 68) a  | 69) d  | 70) b  | 71) a  | 72) a  |
| 73) b  | 74) d  | 75) c  | 76) a  | 77) a  | 78) a  |
| 79) d  | 80) c  | 81) b  | 82) a  | 83) d  | 84) a  |
| 85) c  | 86) c  | 87) b  | 88) c  | 89) b  | 80) a  |
| 91) c  | 92) b  | 93) a  | 94) c  | 95) a  | 96) a  |
| 97) d  | 98) a  | 99) b  | 100) a | 101) b | 102) a |
| 103) c | 104) b | 105) d | 106) d | 107) b | 108) b |
| 109) c | 110) c | 111) b | 112) a | 113) d | 114) a |
| 115) c | 116) b | 117) b | 118) d | 119) d | 120) d |
| 121) c | 122) d | 123) a | 124) c | 125) b | 126) c |
| 127) a | 128) a | 129) b | 130) c | 131) c | 132) d |
| 133) b | 134) c | 135) a | 136) b | 137) b | 138) a |
| 139) b | 140) a | 141) b | 142) c | 143) d | 144) c |
| 145) d | 146) a | 147) a | 148) c | 149) c | 150) a |

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**GROUP - 1 PRELIMINARY EXAMINATION**  
**GENERAL STUDIES & MENTAL ABILITY - 1999**

1. **Casein is the protein present in**  
1) blood 2) plasma 3) urine 4) milk
2. **Minimate disease caused by the pollution of**  
1) mercury 2) lead 3) cadmium 4) copper
3. **Silica is found in the body of**  
1) Diatom 2) Euglena  
3) Coelenterates 4) Desmid
4. **Indian Pangolin feeds on**  
1) frogs and toads 2) fruits  
3) grasses 4) ants and termites
5. **Fastest running land animal is**  
1) cheetah 2) deer 3) horse 4) tiger
6. **Which one of the following is a water soluble vitamin ?**  
1) Vitamin D 2) Vitamin D3  
3) Vitamin A 4) Ascorbic acid
7. **Which one of the following is not a function of liver ?**  
1) Production of insulin  
2) Breakdown of red blood cells  
3) Synthesis of glycogen  
4) Production of bile
8. **Metamorphosis of tadpole into full grown frog may be accelerated by the administration of**  
1) FSH 2) LH  
3) Thyroxine 4) Adrenalin
9. **Pancreas is**  
1) an endocrine gland 2) an exocrine gland  
3) both exocrine and endocrine  
4) none of these
10. **Human heart is**  
1) neurogenic 2) myogenic  
3) both neurogenic and myogenic  
4) none of these
11. **Source of energy of the sun is**  
1) artificial radioactivity 2) nuclear fission  
3) nuclear fusion 4) natural radioactivity
12. **Optical fibers used in communication are developed based on the phenomenon of**  
1) refraction of light 2) diffraction of light  
3) interference of light  
4) total internal reflection of light
13. **Sky appears blue due to**  
1) reflection of light in blue region  
2) transmission of light in blue region  
3) scattering of light in blue region  
4) absorption of light in other colours
14. **Microwave ovens work on the principle of**  
1) absorption of microwaves by water  
2) absorption of microwaves by the vessel used for cooking  
3) reflection of the microwaves by the food  
4) none of the above
15. **A child was playing with water, spraying it vigorously on himself on a pleasant Sunday morning. One of the children surrounding him claimed he saw a beautiful rainbow. This kid was found standing on the**  
1) West side 2) North side  
3) South side 4) East side
16. **The chief raw material for fabrication of paper is**  
1) jute 2) bamboo  
3) cotton 4) turpentine
17. **An example of molecular crystal**  
1) diamond 2) ice  
3) sodium chloride 4) gold
18. **Einstein got his Nobel Prize due to his work on**  
1) photo electric effect 2) relativity  
3) Bose- Einstein statistic  
4) Brownian motion
19. **Two trains are moving with velocity of light c in opposite directions. The relative velocity of the trains as observed by the passengers sitting in each train will be**  
1) 2c 2) c  
3) zero 4) none of the above
20. **Which of the following is the strongest force?**  
1) Atomic force 2) Gravitational forces  
3) Electromagnetic forces  
4) Nuclear forces
21. **Who has announced that 1999 would be the 'Year of Jawans' for creating a climate of change within the army meet the challenges of the future ?**  
1) George Fernandes 2) Lal Krishna A. dvani  
3) Atal Bihari Vajpayee 4) General V.P. Malik
22. **Who is the first Woman Vice-Chancellor of Rajiv Gandhi University of Health Sciences?**  
1) Dr. S. kanta 2) Dr. R. B. Patil  
3) Dr. M. C. Modi 4) Dr. M. N. Joshi
23. **Which is the birth-place of Amartya Sen ?**  
1) Mohaji Bagh 2) Lumbini Garden  
3) Lai Bagh 4) Shanti Nivasam

**24. For which subject did Amartya Kumar Sen receive the prestigious Nobel Prize ?**

- 1) Moral Science      2) Political Science  
3) Philosophy      4) Economics

**25. The only condition on which India wants to subscribe to the CTBT is**

- 1) neutralisation of Hydrogen bombs  
2) banning of chemical weapons  
3) Lifting of sanctions  
4) total nuclear disarmament

**26. Among the following, who has been appointed as Director-General of the National Human Rights Commission ?**

- 1) M. M. Venkatachaliah    2) N. K. Gosh  
3) D. R. Karthikeyan    4) S. K. Srivatsav

**27. Which one of the following is the least populated state in India ?**

- 1) Sikkim      2) Goa  
3) Meghalaya      4) Arunachal Pradesh

**28. Which one amongst the following was awarded Bharat Ratna in 1997 ?**

- 1) Dr. U. R. Rao      2) Dr. Raja Ramanna  
3) Dr. G. Padmanabhan  
4) Dr. A. P. J. Abdul Kalam

**29. Who is the present Governor of Reserve Bank of India ?**

- 1) Prof. Madhu Dandavate  
2) M. S. Ahluwalia  
3) C. Rangarajan      4) Dr. Bimal Jalan

**30. Who among the following is the Chairman of the National Commission for SC and ST ?**

- 1) B. S. Ramoowalia    2) Ram Vilas Paswan  
3) H. Hanumanthappa    4) None of these

**31. Sarkaria Commission Owas set up reviewing the relations between**

- 1) The Prime Minister and President  
2) Legislature and Executive  
3) Executive and the Judiciary  
4) Centre and the States

**32. The present pattern of Panchayat owes its parentage to**

- 1) Ashok Mehta Committee  
2) Balwantrai Mehta COrmittee  
3) Vasanth Rao Naik Committee  
4) Rajamannar Committee

**33. Anna Hazare is known for**

- 1) Watershed Development  
2) Rural Education      3) Tribal Development  
4) Co-operative Development

**34. When there is no majority party in State Legislative Assembly, the principal consideration**

**governing the choice of the Chief Minister by Governor of the State is the for**

- 1) ability of the person who is most likely to command a stable majority  
2) largest political party in the Legislative Assembly  
3) the combination of several parties as a unit  
4) the loyalty and support of the party members of their respective party programmes

**35. Judicial Remedy whereby the State inquires into the legality of detaining a person is better known as**

- 1) Habeas Corpus      2) Certiorari  
3) Mandamus      4) Quo Warranto

**36. When an advance grant is made by the Parliament, pending the regular passage of the Budget, it is called**

- 1) Vote on - account    2) Token grant  
3) Supplementary grant    4) Vote on credit

**37. The principles concerning the provisions of the grants - in - aid to the states out of the Consolidated Fund of India are recommended by the**

- 1) Finance Commission    2) Planning Commission  
3) National Development Council  
4) Administrative Reforms Commission

**38. The State Finance Commission is appointed by**

- 1) Computroller and Auditor General  
2) Prime Minister  
3) State Government  
4) Finance Commission of India

**39. Which State Government is going ahead alone without Central Government's help in the power sector ?**

- 1) Maharashtra      2) Karnataka  
3) Jammu and Kashmir    4) Andhra Pradesh

**40. NABARD helps rural development by**

- 1) giving direct loans to farmers  
2) providing refinance facility  
3) assisting Gram Panchayats  
4) Assisting Zilla Parishads

**41. Agricultural commodities prices in India are fixed by**

- 1) Central Government    2) State Government  
3) Agricultural Products Marketing Boards  
4) Agricultural Prices Commission

**42. Antyodaya Programme was first of all started in**

- 1) Tamil Nadu      2) Orissa  
3) West Bengal      4) Rajasthan

**43. Deficit Finance means**

- 1) relying on foreign aid
- 2) spending by borrowing
- 3) not spending enough development
- 4) spending in excess of revenue

**44. Among the non-foodgrain crops, the largest area is devoted to the cultivation of**

- 1) Jute
- 2) Oilseeds
- 3) Cotton
- 4) Sugarcane

**45. The Monopolies and Restrictive Trade Practices Act was enacted in the year**

- 1) 1949
- 2) 1959
- 3) 1969
- 4) 1979

**Instructions for Q. No.s 46 – 49 : Complete the following series of numbers.**

**46. 2, 6, 21, 88 .....**

- 1) 435
- 2) 440
- 3) 445
- 4) 345

**47. 3, 7, 16, 35 .....**

- 1) 73
- 2) 74
- 3) 72
- 4) 70

**48. 2, 4, 12, 48, .....**

- 1) 144
- 2) 96
- 3) 192
- 4) 240

**49. 2, 8, 30, 128, .....**

- 1) 450
- 2) 550
- 3) 650
- 4) 750

**Instructions for Q. Nos. 50 – 53 :** In a family there are 6 children A, B, C, D, E and F. Among them A is younger than C, E older than F who is in turn older than C; F is younger than B and D is the 4th in the birth order. Answer the following questions from 50 – 53, on the basis of this information.

**50. Who is the oldest person ?**

- 1) E
- 2) B
- 3) F
- 4) A

**51. Who is the youngest person ?**

- 1) A
- 2) F
- 3) C
- 4) E

**52. Who is older than just three persons ?**

- 1) D
- 2) E
- 3) F
- 4) C

**53. Who is the second child ?**

- 1) A
- 2) C
- 3) F
- 4) E

**54. The age of A is 4 times that of B, who is older than C by 5 years. If the age of C is 6 years, what is the age of A ?**

- 1) 15
- 2) 24
- 3) 44
- 4) 20

**55. There are two boxes A and B containing pens. If 10 pens from box B are put in box A, the number of pens in box A becomes 3 times the pens in box B. But if 10 pens from box A are put in box B, the number of pens in both the boxes A and B will be equal. How many pens are there in box A and box B ?**

- 1) 30 and 20
- 2) 80 and 70
- 3) 50 and 30
- 4) 70 and 50

**56. If  $\frac{1}{3}$  of a tank is filled in 30 minutes, how much time does it take to fill whole tank ?**

- 1) 1 hour 10 minutes
- 2) 1 hour 20 minutes
- 3) 1 hour 25 minutes
- 4) 1 hour 30 minutes

**57. In a code language if FRANK is written as UIZMP, then 'CLOSE' should be written as**

- 1) XOMHV
- 2) YPMIW
- 3) WNMIU
- 4) XOLHV

**58. In a code language if TOWN is written as GLDM, then SPARE should be written as**

- 1) HKZIV
- 2) HLZIV
- 3) HKZIV
- 4) HIZKV

**59. In a code language if TASK is written as WEXQ, then LORD should be written as**

- 1) OSWJ
- 2) OSWI
- 3) ORWJ
- 4) OSVJ

**60. In a code language if LOCK is written as NQEM, then RASH should be written as**

- 1) TBUJ
- 2) SCUJ
- 3) TCUJ
- 4) TCVI

**61. Tax-free villages granted to the learned Brahmanas in ancient India were known as**

- 1) Agrahara
- 2) Magastana
- 3) Agraseni
- 4) Bhukti

**62. Who among the following foreign travellers visited India during the seventh century A. D.?**

- 1) Alberuni
- 2) Fa-hien
- 3) I-tsing
- 4) Suleman

**63. The primary source of Balban's opinions on sovereignty and government is**

- 1) I - Barni
- 2) I sami
- 3) Ibn Batuta
- 4) Minhaf-us-siraf

**64. Which one of the following ruling lines of the Marathas defeated Bajirao II ?**

- 1) Scindia
- 2) Holkar
- 3) Bhonsle
- 4) Gaikwar

**65. 'Mansab' in the Mansabdari System indicated**

- 1) an office in the Mughal bureaucracy
- 2) status and income of the holder
- 3) work of the holder in the office
- 4) a particular military rank

**66. Who translated the Bhagvadgita into English for the first time ?**

- 1) Sir Willian Jones
- 2) Charles Wilkins
- 3) Max Muller
- 4) H. T. colebrooke

**67. Bankim Chandra's novel Ananda Math makes a reference to**

- 1) The Santaj Rebellion
- 2) The Sepoy Mutiny
- 3) The Sanyasi Rebellion
- 4) The Munda Revolt

**68. The author of Nil Darpan is**

- 1) Ananda Mohan Ghose
- 2) Dina Bandhu Mitra
- 3) Sharat Chandra Chatterje
- 4) Munshi Premchand

**69. Deindustrialisation and the growth of poverty of India under the British rule were refuted in the writings of**

- 1) Bolanath Chandra
- 2) Justice Ranade
- 3) Vora Anstoy
- 4) Sir Francis Younghusband



- 70. Who renounced his knighthood as a protest against the Jallianwallah Bagh tragedy?**  
 1) Mahatma Gandhi      2) Motilal Nehru  
 3) Rabindra Nath Tagore      4) CR Das
- 71. Of the following geographical regions India which is not a plateau region ?**  
 1) Malwa      2) Dharwad  
 3) Konkan      4) Meghalaya
- 72. Weather instrument speed is**  
 1) Wind Vane      2) Ceilometer  
 3) Clinometer      4) Anemometer
- 73. Sea of Tranquillity is located in**  
 1) Pacific Ocean      2) Atlantic Ocean  
 3) Indian Ocean      4) None of the oceans
- 74. The rain forest of Amazon basin called**  
 1) Campos      2) Selvas      3) Pampas      4) Llanos
- 75. The largest producer of cocoa in the world is**  
 1) Ghana      2) Ivory Coast      3) Nigeria      4) Brazil
- 76. The Dhaulagiri peak is located in**  
 1) Kashmir      2) Nepal  
 3) Tibet-Nepal      4) Sinkiang - Tibet
- 77. One of the good examples for inter - state irrigation projects in India is**  
 1) Idikki      2) Lower Sileru  
 3) Gandak (4)      4) Sabaragiri
- 78. Which one of the following is the largest single industry in India**  
 1) Iron and Steel      2) Textiles  
 3) Fertilizers      4) Cement
- 79. Tank irrigation is extensively practised in South India in which pair of the following states of South India is this irrigation relatively more common ?**  
 1) Karnataka and Maharashtra  
 2) Tamil Nadu and Karnataka  
 3) Tamil Nadu and Andhra Pradesh  
 4) Andhra Pradesh and Maharashtra
- 80. The Krishna river separates in Andhra Pradesh**  
 1) The Nalgonda region from the Krishna region  
 2) the Krishna region from the Guntur region  
 3) the Guntur region from the Kurnool region  
 4) the Kurnool region from the Krishna region
- 81. The Semangs are tribal people who live in**  
 1) Amazon Basin      2) Zaire Basin  
 3) Indonesia      4) Malaysia
- 82. The farmers in Egypt are called**  
 1) Bedouins      2) Fallahins      3) Bushmen      4) Tuaregs
- 83. The highest peaks of the Himalas are found in**  
 1) Himachal      2) Siwalik  
 3) Himadri      4) Purvanchal
- 84. The St. Lawrence river in North America begins at the eastern end of the lake**  
 1) Michigan      2) Erie      3) Ontario      4) Superior
- 85. The territory of Alaska became a United States possession in 1867, when the American Government purchased it from**  
 1) Canada      2) Japan      3) Russia      4) Greenland
- 86. Name the only Indian Prime Minister who never faced the Parliament during his tenure.**  
 1) Choudhary Charan Singh  
 2) Atal Bihari Vajpayee      3) Chandrasshekhkar  
 4) Vishwanath Pratap Singh
- 87. Which one of the following rights was considered the 'heart and soul' of the Constitution of India by Dr. B. R. Ambedkar?**  
 1) Freedom of Speech  
 2) Right to Constitutional Remedies  
 3) Right to Equality      4) Right to Religion
- 88. "Swaraj will not be a free gift of the British Parliament; it will be a declaration of India's full self-expression." This statement was made by**  
 1) Jawaharlal Nehru      2) B. G. Tilak  
 3) Mahatma Gandhi      4) G. K. Gokhale
- 89. The source of political power in India lies with the**  
 1) Constitution      2) Parliament  
 3) People      4) President
- 90. The joint sitting of Indian Parliament for transacting legislative business is presided over by**  
 1) The President of India  
 2) The Vice-President  
 3) Speaker of the Lok Sabha  
 4) The senior-most member of the Parliament
- 91. At the top of the trajectory of a projectile, the directions of its velocity and accelerations are**  
 1) Parallel to each other  
 2) Anti-parallel to each other  
 3) Inclined to each other at 45  
 4) Perpendicular to each other
- 92. Which of the following equations represents a simple harmonic motion, where k is a constant and x is displacement of the object from its equilibrium position at time t ?**  
 1)  $\frac{d^2x}{dt^2} + kx^2 = 0$       2)  $\frac{d^2x}{dt^2} + kx = 0$   
 3)  $\frac{d^2x}{dt^2} = 0$       4)  $\frac{d^2x}{dt^2} - kx = 0$

93. A conducting circular loop of radius  $r$  carries a constant current  $i$ . It is placed with its plane perpendicular to a magnetic field  $B$ . The magnetic force acting on the loop is given by  
1)  $\pi i r B$  2)  $i r B$  3)  $2\pi i r B$  4) zero
94. LED is a semiconductor device that converted energy into - energy.  
1) Chemical; electrical 2) electrical; light  
3) light; electrical 4) heat; light
95. A pipe closed at one end and open at the other end will give  
1) all the harmonics 2) all even harmonics  
3) all odd harmonics 4) none of the harmonics
96. The mean kinetic energy of a gas atom at absolute temperature  $T$  is  
1)  $kT/2$  2)  $kT$  3)  $3kT/4$  4)  $3kT/2$
97. Temperature of liquid helium is about  
1)  $-269^\circ\text{C}$  2)  $-77^\circ\text{C}$  3)  $-196^\circ\text{C}$  4)  $-4^\circ\text{C}$
98. A plane mirror is moved towards a stationary observer with a speed of  $4\text{ms}^{-1}$ . The speed at which his image will move towards him is  
1)  $2\text{ms}^{-1}$  2)  $4\text{ms}^{-1}$  3)  $8\text{ms}^{-1}$  4) zero
99. Atoms are arranged at the corners of a simple cubic lattice. The number of atoms per unit cell is  
1) 1 2) 2 3) 4 4) 8
100. The work function for aluminium surface is  $42\text{ eV}$  and that for sodium surface is  $20\text{ eV}$ . The two metal surfaces are illuminated by suitable radiations so as to cause photo-emission. We observe that  
1) both Al and Na will have the same threshold frequency  
2) the threshold frequency of Al  $>$  that of Na  
3) the threshold frequency of Na that of Al  
4) the threshold wavelength of Al  $>$  that of Na
101. Among the following elements which one is present in chlorophyll?  
1) Cobalt 2) Iron  
3) Magnesium 4) Calcium
102. Which one among the following halogen acids is the most powerful reducing agent?  
1)  $\text{HI}$  2)  $\text{HCl}$  3)  $\text{HF}$  4)  $\text{HBr}$
103. A good coal should have high  
1) moisture content 2) ash content  
3) volatile matter 4) fixed carbon
104. Freon is  
1)  $\text{C}_2\text{F}_2$  2)  $\text{CCl}_2\text{F}_2$  3)  $\text{C}_2\text{F}_4$  4)  $(\text{C}_2\text{F}_2)$
105. The solid that undergoes sublimation is  
1)  $\text{NaCl}$  2)  $\text{Pb}(\text{NO}_3)_2$   
3)  $\text{NH}_4\text{Cl}$  4)  $(\text{NH}_4)_2\text{Cr}_2\text{O}_7$
106. If indium is added in small quantities to germanium, we get  
1) n-type semiconductor  
2) p-type semiconductor  
3) rectifier 4) insulator
107. What generally happens when an atom of an electronegative element becomes an ion?  
1) It loses one or more electrons  
2) It is ionised  
3) Its atomic number increases  
4) It gains electrons
108. Artificial rain is produced by seeding clouds with  
1) potassium 2) silver iodide  
3) silver nitrate 4) copper sulphate
109. Hardening of cement is due to  
1) dehydration 2) hydrolysis  
3) hydration and hydrolysis 4) polymerisation
110. The weight of  $\text{H}_2\text{O}_2$  which will give on decomposition  $5.6$  litres of  $\text{O}_2$  at NTP is  
1)  $17\text{g}$  2)  $8-5\text{g}$  3)  $34\text{g}$  4)  $456\text{g}$
111. Miller's experiment proved the theory of  
1) Special Creation 2) Spontaneous Origin  
3) Eternity of Life 4) Chemical Evolution
112. A famous agricultural scientist who has been awarded a Nobel Peace Prize is  
1) H. G. Khorana 2) M. S. Swaminathan  
3) Norman Borlaug 4) R. N. Mishra
113. Central Tobacco Research Institute is located at  
1) Bhopal 2) Hyderabad  
3) Rajahmundry 4) Calcutta
114. The branch of Botany which involves isolation and fusion of protoplasts is  
1) Horticulture 2) Agriculture  
3) Tissue culture 4) Floriculture
115. From which part of saffron plant is saffron obtained?  
1) Dry flower buds 2) Dry calyx  
3) Stigma 4) Dry petals
116. Organic matter decomposes due to  
1) algae 2) virus 3) bacteria 4) all these
117. The primary source of energy in an ecosystem is  
1) glucose 2) fructose  
3) lipids 4) sunlight
118. Guard cells are present in  
1) phloem 2) salt glands  
3) stomata 4) xylem tissue



**145..... was the Prime Minister of England, when India became independent.**

- 1) Churchill                      2) Attlee  
3) Chamberlain                4) Wilson

**146. Who, among the following, has not attempted the decipherment of the Harappan script ?**

- 1) Iravatham Mahadevan  
2) Ram Sharan Sharma  
3) S. R. Rao                      4) Father Heras

**147. Asoka's victory over Kalinga is mentioned in**

- 1) Rock Edict XIII  
2) Rock Edict XII  
3) Sepacate Kalinga Ed  
4) Arthasatra

**148. 'Bhitargaon' is situated in the state of ?**

- 1) Uttar Pradesh                2) Madhya Pradesh  
3) Andhra Pradesh              4) Bihar

**149. Who was the founder of the Mauryan Dynasty?**

- 1) Chandragupta Maury        2) Asoka  
3) Bindusara                      4) Skandagupta

**150. Who among the following is the author of 'Dayabhaga' ?**

- 1) Vigneshwara                    2) Kulluk Bhatta  
3) Visvarutra                      4) Jimutavahana

## ANSWERS

- |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 1) 4   | 2) 1   | 3) 1   | 4) 4   | 5) 1   | 6) 4   |
| 7) 1   | 8) 3   | 9) 3   | 10) 2  | 11) 3  | 12) 4  |
| 13) 3  | 14) 4  | 15) 1  | 16) 2  | 17) 3  | 18) 1  |
| 19) 2  | 20) 4  | 21) 4  | 22) 1  | 23) 4  | 24) 4  |
| 25) 4  | 26) 3  | 27) 1  | 28) 4  | 29) 4  | 30) ?  |
| 31) 4  | 32) 2  | 33) 1  | 34) 1  | 35) 1  | 36) 1  |
| 37) 1  | 38) 3  | 39) 1  | 40) 2  | 41) 4  | 42) 4  |
| 43) 2  | 44) 2  | 45) 3  | 46) 3  | 47) 2  | 48) 4  |
| 49) 3  | 50) 2  | 51) 1  | 52) 3  | 53) 4  | 54) 3  |
| 55) 3  | 56) 2  | 57) 4  | 58) 3  | 59) 1  | 60) 3  |
| 61) 1  | 62) 3  | 63) 1  | 64) 2  | 65) 4  | 66) 2  |
| 67) 2  | 68) 2  | 69) 3  | 70) 3  | 71) 3  | 72) 4  |
| 73) 4  | 74) 2  | 75) 1  | 76) 2  | 77) 3  | 78) 2  |
| 79) 3  | 80) 2  | 81) 4  | 82) 2  | 83) 3  | 84) 3  |
| 85) 1  | 86) 1  | 87) 2  | 88) 3  | 89) 3  | 90) 3  |
| 91) 4  | 92) 3  | 93) 4  | 94) 1  | 95) 3  | 96) 4  |
| 97) 1  | 98) 2  | 99) 1  | 100) 2 | 101) 3 | 102) 1 |
| 103) 4 | 104) 2 | 105) 3 | 106) 2 | 107) 4 | 108) 2 |
| 109) 2 | 110) 1 | 111) 4 | 112) 3 | 113) 3 | 114) 3 |
| 115) 3 | 116) 3 | 117) 4 | 118) 2 | 119) 1 | 120) 2 |
| 121) 3 | 122) 3 | 123) 2 | 124) 1 | 125) 3 | 126) 2 |
| 127) 1 | 128) 1 | 129) 2 | 130) 1 | 131) 1 | 132) 4 |
| 133) 1 | 134) 2 | 135) 4 | 136) 1 | 137) 3 | 138) 2 |
| 139) 2 | 140) 3 | 141) 4 | 142) 2 | 143) 1 | 144) 2 |
| 145) 2 | 146) 1 | 147) 1 | 148) 2 | 149) 1 | 150) 4 |

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**GROUP - 1 PRELIMINARY EXAMINATION**  
**GENERAL STUDIES & MENTAL ABILITY - 1990 - 91**

- |  |  |
|--|--|
| <p><b>1. The call for Jharkhand State is for establishing a</b><br/>1) Small State                      2) Hindi speaking state<br/>3) Tribal State                      4) None of the above</p> <p><b>2. The number of Women Judges in the Delhi High Court is</b><br/>1) 3                      2) 4                      3) 5                      4) 2</p> <p><b>3. C – DOT is the name given to</b><br/>1) A new computer language<br/>2) Centre for Development of Telematics<br/>3) Council for Development and Training<br/>4) Committee of Developing Nations</p> <p><b>4. Name the two countries which were involved in organising Peace Conference on Cambodia</b><br/>1) U. S. A. – China                      2) U. S. A – Cambodia<br/>3) India – Indonesia                      4) Indonesia – France</p> <p><b>5. The unpopular tax that is said to be the catalyst for Mrs. Margaret Thatcher's downfall</b><br/>1) Corporate tax                      2) House tax<br/>3) Poll tax                      4) Income tax</p> <p><b>6. The country which opposed monetary unification of Europe</b><br/>1) Germany 2) France                      3) Britain                      4) Italy</p> <p><b>7. The country in news for the large scale killings by drug cartels</b><br/>1) Chile                      2) Guatemala<br/>3) Columbia                      4) Honduras</p> <p><b>8. The country which witnessed massive student protests for educational changes</b><br/>1) Poland                      2) Germany<br/>3) France                      4) Czechoslovakia</p> <p><b>9. The recent trade talks at Brussels failed because</b><br/>1) Some countries did not attend<br/>2) Political differences among countries regarding sanctions against Saddam Hussein<br/>3) Some European countries were not willing to stop subsidies to farm produce<br/>4) None of the above</p> <p><b>10. SDR's refer to</b><br/>1) Sudanese Democratic Republic<br/>2) Soviet Society for Democratic Rights<br/>3) Special Drawing Rights<br/>4) None of the above</p> <p><b>11. The Largest Tiger reservoir in India</b><br/>1) Gir forest (Gujarat)</p> | <p>2) Bandipur Sanctuary (Karnataka)<br/>3) Srisaillam wild life Sanctuary (A. P.)<br/>4) Dandakaranya (M. P.)</p> <p><b>12. Nutritional density is derived from</b><br/>1) Total population divided by total Geographical area<br/>2) Total population divided by total cultivated land<br/>3) Total Agricultural population divided by total cultivated area<br/>4) Human carrying capacity of an area in relation to a given land - use system.</p> <p><b>13. India's only Island Museum</b><br/>1) Nicobar Island                      2) Nagarjuna Konda<br/>3) Srirangam                      4) Laccadive</p> <p><b>14. The most highly urbanized State in India is</b><br/>1) West Bengal                      2) Maharashtra<br/>3) U. P.                      4) Tamilnadu</p> <p><b>15. The District with 100% Literacy in India is</b><br/>1) Trivandrum                      2) Kurnool<br/>3) Ernakulam                      4) Chandigarh</p> <p><b>16. The First Hydroelectric Project was started in India at</b><br/>1) Papanashanam                      2) Shiva Samudram<br/>3) Lonavala                      4) Hirakud</p> <p><b>17. The National Highway No. 1 connects</b><br/>1) Madras – New Delhi<br/>2) Srinagar – Trivandrum<br/>3) Calcutta – Amritsar<br/>4) Bangalore – New Delhi</p> <p><b>18. The location of A. P. is known as</b><br/>1) continental                      2) Insular<br/>3) Littoral                      4) Peninsular</p> <p><b>19. The Governor is impeached through</b><br/>1) Union Parliament                      2) State Legislature<br/>3) Supreme Court<br/>4) cannot be impeached</p> <p><b>20. Economic democracy is envisaged through</b><br/>1) Fundamental Rights                      2) Preamble<br/>3) Directive Principles of State Policy<br/>4) Union List</p> <p><b>21. Started Question in the Parliament invites a</b><br/>1) Written answer                      2) Oral answer<br/>3) No answer                      4) Debate</p> <p><b>22. One among the following is authorized to impose restrictions of Fundamental Rights:</b><br/>1) Parliament                      2) Prime Minister<br/>3) President                      4) None of the above</p> |
|--|--|

- 23. Constitution provides protection to Freedom of Press through**  
 1) Article - 14                      2) Article - 21  
 3) Article - 32                      4) Art Article - 19
- 24. Sreebagh Pact was**  
 1) Agreement between the leaders of Andhra and Rayalaseema regions  
 2) Agreement between the leaders of Telangana and Rayalaseema regions  
 3) Agreement between the leaders of Andhra and Telangana regions  
 4) Agreement between Telangana leaders and the Government of India
- 25. Ashok Mehta Committee 1979 reviews**  
 1) Centre - State relations  
 2) Panchayati Raj Institutions  
 3) Role of the Governor  
 4) Working of the Public Sectors
- 26. The author of 'Bhavartha Dipika' is**  
 1) Ramanujacharya              2) Jnaneswar  
 3) Vidyanaatha                      4) Mirabai
- 27. The author is 'Simhasana Dvatrimsika' is**  
 1) Srinatha                              2) Koravi Goparaju  
 3) Krishnadevaraya              4) Dhurjati
- 28. The year in which the famous Kakatiya temple at Palampeta (Ramappa temple) was constructed**  
 1) 1162 A. D.                      2) 1191 A. D.  
 3) 1206 A. D.                      4) 1213 A. D.
- 29. The year in which Muhammad Quli Qutub Shah ascended the throne of Golconda is**  
 1) 1512 A. D.                      2) 1518 A. D.  
 3) 1580 A. D.                      4) 1591 A. D.
- 30. 'Paccala Someswara Temple' is in this place**  
 1) Warangal                              2) Alampur  
 3) Vemulawada                      4) Panagal
- 31. 'Chintala Venkata Ramana Temple' is in this place**  
 1) Tadipatri                              2) Lepakshi  
 3) Penugonda                              4) Chandragiri
- 32. The term 'Naskh' is related to**  
 1) Weapons of War              2) Hindustani Music  
 3) Muslim Calligraphy              4) Administrative system
- 33. The foreign traveller who visited the port of Motupalli during the Kakatiya period**  
 1) Ibn Batuta                              2) Marco Polo  
 3) Abdur Razack                              4) Nicolo Conti
- 34. The famous Ramappa temple at Palampeta was built by**  
 1) Ganapati Deva                      2) Recherla Rudra  
 3) Jayapa Nayaka                      4) Mallikarjuna Nayaka
- 35. Who among the following Vijayanagara rulers, resolved the conflict between the Jainas and the Vaishnavas ?**  
 1) Devaraya - II                      2) Harihara - I  
 3) Bukka - I                              4) Saluva Narasimha
- 36. The name of the Mughal Governor who Nizam - ul - Mulk defeated and became the First Nizam of Hyderabad**  
 1) Abul Hasan Tanashah              2) Hasan Quli Khan  
 3) Mubariz Khan                      4) Azam Shah
- 37. The Telugu personality who prepared a design for the National Flag which was later adopted as the National Flag with some changes.**  
 1) Hari Sarvottama Rao  
 2) Swami Ramanand Tirtha  
 3) Duggirala Gopalakrishnayya  
 4) Pingali Venkayya
- 38. The Telugu personality who is known by the title 'Desabhakta'**  
 1) Tanguturi Prakasam  
 2) Konda Venkatappayya  
 3) Kashinathuni Nageshwara Rao  
 4) Madapati Hanumantha Rao
- 39. The year in which the Battle of Padmanabha was fought in Andhra**  
 1) 1794                      2) 1799                      3) 1803                      4) 1805
- 40. The name of the place with which the famous no-tax campaign in Andhra is associated during the Freedom Movement in Andhra**  
 1) Chirala                              2) Perala  
 3) Pedanandipadu                      4) Nellore
- 41. The ruler who was described as Trisamudra dhipati was**  
 1) Vikramaditya - VI                      2) Pulakesin - II  
 3) Gautamiputra Satakarni              4) Vinayaditya
- 42. The King who was defeated by Malik Kafur was**  
 1) Rudrammadevi                      2) Yadava Ramachandra  
 3) Vira Ballala                              4) Narasimha - I
- 43. The founder of the Home Rule Movement was**  
 1) Annie Besant  
 2) Gopala Krishna Gokhale  
 3) Dada Bhai Naoroji  
 4) Bal Gangadhar Tilak
- 44. The most important feature of the Act of 1935 was the introduction of**  
 1) Dyarchy                              2) Adult Franchise  
 3) Provincial Autonomy              4) Separate electorate
- 45. Balwant Rai Mehta Committee Report is associated with**

- 1) Panchayat Raj  
2) Community Development  
3) Planning Commission  
4) Zonal Councils
- 46. Diamond and emerald are made of**  
1) Carbon                      2) Silica  
3) Silica and Beryllium    4) Carbon and beryllium
- 47. One of the constituents of Gobar gas is**  
1) Methane                      2) Ethane  
3) Carbon dioxide          4) Calcium sulphate
- 48. In the human body fats are stored in**  
1) epithelial cells              2) adipose tissue  
3) epidermis                      4) liver
- 49. The ductless glands in the human body which secrete hormones are called**  
1) exocrine glands          2) endocrine glands  
3) epithelial glands          4) metabolic glands
- 50. In an oxygen tube, which of the following gases is preferred these days to be mixed with oxygen ?**  
1) nitrogen                      2) helium  
3) argon                              4) carbon dioxide
- 51. The first democratic government of Nepal is headed by one of the following :**  
1) Mr. Bhattarai              2) N. C. Koirala  
3) Mr. Bakshi                      4) Surya Bahadur Thapa
- 52. The Tehri Dam in Uttar Pradesh is held up because of**  
1) Foreign aid not forthcoming  
2) Opposition by environmentalists  
3) Change of site  
4) Regional disputes
- 53. Remains of Harappa city have been unearthed in**  
1) Uttar Pradesh              2) Bihar  
3) New Delhi                      4) Gujarat
- 54. Which of the following is true of Ernakulam district in Kerala ?**  
1) It has highest density of population in India  
2) It has achieved hundred percent literacy  
3) It has highest percentage of unemployment  
4) It is a famous hill station
- 55. The Commander - in - Chief of the Indian Army is**  
1) Rajula Khan                      2) Saxena  
3) S. F. Rodrigues              4) None of the above
- 56. The legendary city recently excavated was**  
1) Hastinapura                      2) Pataliputra  
3) Ayodhya                              4) Dwaraka
- 57. Name the two countries which were involved in the Tin Bigha issue**  
1) Pakistan - India          2) India - Bangladesh  
3) Bangladesh - Pakistan  
4) India - Lanka
- 58. The URUGUAY Round of Multilateral Trade operated under**  
1) The World Bank              2) The GATT  
3) UNESCO                              4) None of the above
- 59. INTIFIDA is the**  
1) African Liberation Front  
2) The uprising in the Baltic States  
3) Right - wings Terrorist group  
4) The uprisings in West Bank of Gaza
- 60. Operation Cactus was a code name for**  
1) Indian Armed Forces action in combating the Terrorists in Punjab  
2) Indian Armed Forces action in putting down the armed rebellion in Maldives  
3) Environmental group  
4) Armed Forces Exercises
- 61. GRAMSAT will**  
1) strengthen the Panchayat Raj Institutions  
2) encourage village courts  
3) encourage village handicrafts  
4) revolutionize the spread of literacy in India
- 62. ZARIF - E - MOMIN was very much in news**  
1) Wonder drug  
2) Militants in Jammu and Kashmir  
3) Pakistan's army's biggest exercise on Indian border  
4) None of the above
- 63. One of the following countries is desperately trying to enter the ECC :**  
1) Austria    2) USSR    3) Denmark    4) Holland
- 64. AFRIKANES are**  
1) The tribal of South Africa  
2) The white settlers in South Africa  
3) The Militant back groups in South Africa  
4) None of the above
- 65. African Fund by NAM is to**  
1) help industrialize the African continent  
2) help famine situation in Africa  
3) help the liberation struggle in Africa  
4) preserve the African forests
- 66. Planet Protection Fund was proposed by**  
1) Indira Gandhi                      2) Menaka Gandhi  
3) Rajiv Gandhi                      4) U. N.
- 67. Desert shield is associated with**  
1) U.S. forces in Saudi Arabia  
2) Iraqi forces in Kuwait  
3) Libya's forces  
4) None of the above

**68. The Nepali Congress which led the uniuquemass movement to restore democracy in Nepal was established in**

- 1) 1947    2) 1950    3) 1962    4) 1975

**69. High Court in recent times passed strictrules against a State Government in regard to the nomination of 12 persons to the Legislative Council**

- 1) Gujarat                            2) Maharashtra  
3) West Bengal                      4) Andhra Pradesh

**70. The Indian - made remote sensing satellite IRS - 1A was launched from**

- 1) Thumba                            2) Nevada  
3) Baiknour                          4) Kalpakam

**71. In a code BOMBAY is written as CPNCBZ; What is NBESBT then ?**

- 1) LONDON                          2) MADRAS  
3) MADRID                          4) MYSORE

**72. Y is brother of Z. A is the daughter of Z. U is the sister of Y and B is the brother of A. Who is the uncle of B ?**

- 1) Y            2) U            3) Z            4) A

**73. A D H M --**

- 1) O & T    2) N & S    3) S & Z    4) U & Y

**74. T W Z C --**


- 1) E            2) F            3) H            4) I

**75. Arrange the following in a meaningful sequence**


- 1) Story    2) Review    3) Book    4) Idea  
5) Author

- 1) 1 - 2 - 4 - 5 - 3    2) 4 - 1 - 3 - 2 - 5  
3) 5 - 4 - 1 - 3 - 2    4) 3 - 2 - 4 - 1 - 5

In the following questions 76 to 85 there are two sets of figures. One set called the problem figures and the other set is called the answer figures. There is a sequence according to which the problem figures follow each other. Select one figure from the answer set figures which will complete the sequence in the problem figures. Indicate your answer by writing the number of this alternative against the serial number of the question on the answer sheet.

76. 

Fig

77. 

Fig

78. 

Fig

79. 

Fig

80. 

Fig

81. 

Fig

82. 

Fig

83. 

Fig

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84.

Fig

85.

Fig

86. A, B, C and D are climbing a ladder. C is standing ahead of D, A is standing between B and D. Who is standing at the second place from the bottom ?

- 1) A      2) B      3) C      4) D

87. Which number replaces both the question marks in the following problem ?

$$\frac{8}{?} = \frac{?}{200}$$

- 1) 100      2) 400      3) 40      4) 25

88. Which fraction lies between  $\frac{2}{3}$  and  $\frac{4}{5}$ ?

- 1)  $\frac{17}{20}$       2)  $\frac{7}{10}$       3)  $\frac{13}{15}$       4)  $\frac{4}{9}$

89. The ratio of two numbers is 5 : 8 and their sum is 91. Find the numbers.

- 1) 66 and 25      2) 25 and 66  
3) 56 and 35      4) 35 and 56

90. WISE is coded as XKVI, TALK will be coded

- 1) UCON      2) VCON      3) UCOO      4) UCOP

91. LATE is written as GWQC; POUR will be written as

- 1) KJRP      2) KKRQ      3) KJPR      4) KGRP

Complete the series by choosing the correct answer out of one of the four choices given below in questions 92 to 95 :

92. 3, 9, 21, 45, ?

- 1) 90      2) 93      3) 92      4) 91

93. 0, 2, 10, 42, ?

- 1) 170      2) 168  
3) 166      4) None of these

94. 1, 4, 15, ?, 325

- 1) 63      2) 64  
3) 80      4) None of these

95. 2, 3, 7, ?, 121

- 1) 26      2) 28  
3) 32      4) None of these

96. Ramesh has just enough money to buy 5 pens and 8 pencils or 3 pens and 16 pencils. How many pencils can be buy if the buys no pens?

- 1) 24      2) 28  
3) 32      4) None of these

97. If A, B and C are consecutive integers and A is smaller than B, which in turn is smaller than C, which of the following is true ?

- 1) A + B + C is an even integer  
2) ABC is an even integer  
3) A - B = C - B      4) B =  $\frac{A + C}{2}$

Indicate the Word/Number / Alphabet which DOES NOT belong to the same class or series in Questions 98 and 99 :

98. Square, Rectangle, Circle, Triangle

- 1) Square      2) Rectangle  
3) Circle      4) Triangle

99. A E I N O U

- 1) I      2) E      3) N      4) U

100. If + is multiplication, - is addition, x is division and  $\div$  is subtraction, which of the following is correct ?

- 1) 10      4 x 2 = 4 + 6 - 2  
2) 10 + 4 - 2 = 4 x 6      2  
3) 10 - 4      2 = 4 + 6 x 2  
4) None of these

101. Residuary power is vested with

- 1) State      2) Centre  
3) President      4) Prime Minister

102. Who is associated with the estimation of national income statistics in India ?

- 1) K. N. Raj      2) A. K. Sen  
3) Dadabhai Nauroji      4) Sukhamoy Chakravarty

103. The share of Primary Sector in India during the last four decades of planning has

- 1) Increased                      2) Decreased  
3) Not changed  
4) Not shown any perceptible change
- 104. The proposed total outlay in the public sector during India's 8th Five Year Plan is**  
1) Rs. 1,00,000 Crores    2) Rs. 3, 45, 000 Crores  
3) Rs. 5,00,000 Crores    4) Rs. 10,00,000 Crores
- 105. The Central Bank in India is**  
1) SBI            2) NABARD    3) SBH    4) RBI
- 106. The main thrust for development of Small Scale Industries in India was given by the Industrial Policy Resolution of**  
1) 1948        2) 1956        3) 1977        4) 1980
- 107. The per capita availability of cloth in India during the planning period has**  
1) Increased                      2) Decreased  
3) Constnat                      4) No perceptible change
- 108. The high rate of growth in the economy depends upon**  
1) high savings rate        2) high taxation rates  
3) high administrative efficiency  
4) optimal Allocation of Resources
- 109. The name of the first Jain Tirthankar is**  
1) Shantinath                      2) Rishavanath  
3) Mahavira                      4) Neminath
- 110. The famous river of Andhra on which bank is situated Panchavati where Rama stayed with Laxman and Sita is**  
1) Krishna                      2) Godavari  
3) Mahanadi                      4) Narmada
- 111. The name of ancient religious and educational town which was the Kashi of South India is**  
1) Mahabalipuram                      2) Tanjavur  
3) Kanchi                      4) Madurai
- 112. The famous battle between Rana pratap and Akbar fought in the**  
1) Narmada Valley                      2) Khaibar Ghat  
3) Haldi Ghat                      4) Bolan Ghat
- 113. The founder of Arya Samaja was**  
1) Dayanand Saraswati    2) Swami Ramatirtha  
3) Ramakrishna Paramhansa  
4) Vivekananda
- 114. The founder of Indian National Congress was**  
1) Bal Gangadhar Tilak    2) A. O. Hume  
3) Dadabhai Naoroji    4) Gopal Krishna Gokhale
- 115. Who was the author of Geeta Rahasyam ?**  
1) Sarvepalli Radha Krishnan  
2) Bal Gangadhar Tilak    3) Mahatma Gandhi  
4) Madan Mohan Malviya
- 116. Lothal is associated with**  
1) Indus Valley civilization  
2) Sumerian civilization  
3) Babylonian civilization    4) Egyptian civilization
- 117. The sacred books of the Buddhists are**  
1) Vedas        2) Angas    3) Tripitakas    4) Aranyakas
- 118. Kharavela was responsible for the inscription?**  
1) Nasik cave inscription  
2) Naneghat inscription  
3) Hathigumpha cave inscription  
4) Amaravathi inscription
- 119. Badami is famous for its**  
1) Rock - cut cave temples  
2) Structural temples  
3) Paintings                      4) Secular buildings
- 120. The Satavahana king who defeated Nahapana was**  
1) Pulumayi                      2) Gautamiputra Satakarni  
3) Yajna Satakarni                      4) Rudra Satakarni
- 121. The leading astronomer of the Gupta period was**  
1) Asvagosha                      2) Susruta  
3) Bhasa                      4) Varahamihira
- 122. A renowned surgeon of ancient India was**  
1) Aryabhata                      2) Bhaskaracharya  
3) Bhasa                      4) Varahamihira
- 123. The magnificent temple of Kailasa was erected by**  
1) Krishna - I                      2) Govinda - II  
3) Krishna - II                      4) Dantidurga
- 124. The first poet to translate the Mahabharata into Telugu was**  
1) Tikkana                      2) Nanne Choda  
3) Bhima Kavi                      4) Nannaya
- 125. The most powerful Kakatiya ruler who expanded the empire upto Kanchi was**  
1) Beta - I                      2) Prola - I  
3) Prola - II                      4) Ganapati
- 126. One of the purpose of INSAT 1D, the satellite put up by Indian Scientist, is to link all parts of India by television. The height about the earth surface at which it is revolving is about**  
1) 200 km                      2) 10,000 km  
3) 36,000 km                      4) 1, 00,000 km
- 127. Two different objects with masses  $m_1$  and  $m_2$  are projected in the air at the angles  $q_1$  and  $q_2$  with respect to horizontal direction with the speed  $v_1$  and  $v_2$ . If they remain in air for the same amount of time, the following quantity must be the same.**  
1) mass                      2) speed  
3) the distance travelled in horizontal direction  
4) the height attained
- 128. The interaction which governs the life every where is**  
1) Electromagnetic                      2) Gravitation  
3) Nuclear                      4) Weak
- 129. The main element which releases the energy in the thermal reactor is**  
1) Uranium (235)                      2) Uranium (238)  
3) Uranium (233)                      4) Plutonium (239)

**130. Which of the following statements is wrong for the planet Venus ?**

- 1) It can be seen during whole night
- 2) After Sun and Moon, it is the most bright object in the sky
- 3) Its rotation and revolution are in opposite direction
- 4) Its surface temperature is about 450 C

**131. The fuel which is burning inside the Sun is**

- 1) Coal
- 2) Uranium
- 3) Oxygen
- 4) Hydrogen

**132. Radio and TV reproduce the programme after receiving the waves by antenna. These waves are**

- 1) nothing but light rays but with larger frequency
- 2) nothing but light rays but with larger wavelength
- 3) like soundwaves with higher frequencies
- 4) none of the above

**133. Due to which property of the light waves, the solar and lunar eclipse take place ?**

- 1) Interference
- 2) Diffraction
- 3) Polarisation
- 4) Rectilinear propagation

**134. In the Indian territory, the magnetic equator is passing nearer to**

- 1) Trivandrum
- 2) Shriharikota
- 3) Allahabad
- 4) Srinagar

**135. Which of the following gives the proper order of colours ?**

- 1) red, green, blue
- 2) blue, green, red
- 3) blue, green, yellow
- 4) blue, yellow, green

**136. A coin is flipped for 100 times. The number of times the head comes on top is**

- 1) exactly 50
- 2) 50 or more
- 3) 50 or less
- 4) about 50 with few more or few less

**137. At what temperature is the density of the water highest ?**

- 1) 0 C
- 2) 4 C
- 3) 20 C
- 4) 100 C

**138. Plastids are found in**

- 1) Animal cell
- 2) Plant cell
- 3) Plant and animal cell
- 4) None of the above

**139. Which part of the human brain controls sneezing ?**

- 1) Cerebrum
- 2) Medulla oblongata
- 3) Hypothalamus
- 4) None of the above

**140. Hormone that helps in cell division**

- 1) Abscisic acid
- 2) Cytokinin
- 3) Gibberellic acid
- 4) Renin

**141. The most intelligent animal is**

- 1) Monkey
- 2) Man
- 3) Chimpanzee
- 4) Bird

**142. In living organisms the water acts as**

- 1) Diluting agent
- 2) Physiological solvent
- 3) Lowers body temperature
- 4) None of the above

**143. Plants stop both respiration and photosynthesis sometimes during**

- 1) Night
- 2) Twilight
- 3) Daytime
- 4) Dawn

**144. The richest vegetable source of Vitamin A**

- 1) Liver
- 2) Egg
- 3) Carrot
- 4) Sunlight

**145. Why does atmosphere warm up ?**

- 1) Sunlight
- 2) Absence of water
- 3) Absence of Vegetation
- 4) Presence of Vegetation

**146. Which element has the same atomic number and atomic weight ?**

- 1) Oxygen
- 2) Nitrogen
- 3) Helium
- 4) Hydrogen

**147. Rate of transpiration is the maximum when there is**

- 1) low temperature
- 2) low wind velocity
- 3) high temperature and low humidity
- 4) high humidity

**148. Rickets is caused by the deficiency of**

- 1) Vitamin C
- 2) Protein
- 3) Iodine
- 4) Vitamin D

**149. Which of the following is most important for the growth of children up to the age of 14 ?**

- 1) Protein
- 2) Vitamins
- 3) Fat
- 4) Milk

**150. Hybrid varieties of seeds are**

- 1) breed from two plants of different varieties
- 2) always high yielding
- 3) breed from transplantation
- 4) vulnerable to disease

## ANSWERS

- |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 1) 3   | 2) 4   | 3) 2   | 4) 1   | 5) 3   | 6) 3   |
| 7) 3   | 8) 1   | 9) 3   | 10) 3  | 11) 3  | 12) 2  |
| 13) 2  | 14) 2  | 15) 3  | 16) 2  | 17) 3  | 18) 3  |
| 19) 4  | 20) 3  | 21) 2  | 22) 1  | 23) 4  | 24) 1  |
| 25) 2  | 26) 1  | 27) 2  | 28) 3  | 29) 3  | 30) 2  |
| 31) 1  | 32) 3  | 33) 2  | 34) 2  | 35) 3  | 36) 3  |
| 37) 4  | 38) 2  | 39) 1  | 40) 3  | 41) 3  | 42) 2  |
| 43) 1  | 44) 3  | 45) 1  | 46) 4  | 47) 1  | 48) 2  |
| 49) 2  | 50) 1  | 51) 2  | 52) 2  | 53) 4  | 54) 2  |
| 55) 3  | 56) 4  | 57) 2  | 58) 2  | 59) 4  | 60) 2  |
| 61) 4  | 62) 3  | 63) 2  | 64) 2  | 65) 2  | 66) 3  |
| 67) 1  | 68) 2  | 69) 2  | 70) 3  | 71) 2  | 72) 2  |
| 73) 3  | 74) 2  | 75) 3  | 76) 4  | 77) 3  | 78) 4  |
| 79) 4  | 80) 2  | 81) 3  | 82) 2  | 83) 4  | 84) 4  |
| 85) 2  | 86) 1  | 87) 3  | 88) 2  | 89) 4  | 90) 3  |
| 91) 4  | 92) 2  | 93) 1  | 94) 2  | 95) 3  | 96) 2  |
| 97) 4  | 98) 3  | 99) 3  | 100) 3 | 101) 2 | 102) 3 |
| 103) 2 | 104) 2 | 105) 4 | 106) 3 | 107) 1 | 108) 1 |
| 109) 2 | 110) 2 | 111) 3 | 112) 3 | 113) 1 | 114) 2 |
| 115) 2 | 116) 1 | 117) 3 | 118) 3 | 119) 2 | 120) 2 |
| 121) 4 | 122) 3 | 123) 1 | 124) 4 | 125) 4 | 126) 3 |
| 127) 4 | 128) 2 | 129) 1 | 130) 1 | 131) 4 | 132) 2 |
| 133) 4 | 134) 1 | 135) 3 | 136) 4 | 137) 2 | 138) 2 |
| 139) 3 | 140) 2 | 141) 2 | 142) 2 | 143) 2 | 144) 3 |
| 145) 3 | 146) 4 | 147) 3 | 148) 4 | 149) 1 | 150) 1 |

**GROUP - 1 PRELIMINARY EXAMINATION**  
**GENERAL STUDIES & MENTAL ABILITY - 1983 - 84**

- |  |   |
|--|---|
| <p><b>1. One of the vitamins which is required to help in blood clotting :</b></p> <p>1) Vitamin K                      2) Vitamin D<br/>3) Vitamin C                      4) Vitamin E</p> <p><b>2. How does a mosquito make its annoying hum?</b></p> <p>1) By flapping its wings vigorously<br/>2) By sending air through its spiracles<br/>3) Through its vocal hords<br/>4) None of these</p> <p><b>3. Diabetes mellitus is caused due to the non secretion of a hormone known as :</b></p> <p>1) Thyroxine                      2) Glucagon<br/>3) Pitutarin                      4) Insulin</p> <p><b>4. How do we term the science of improving honey production ?</b></p> <p>1) Apiculture                      2) Sericulture<br/>3) Horticulture                      4) Agriculture</p> <p><b>5. Name the Indian born doctor who won the Noble Prize for his work in genetic engineering.</b></p> <p>1) Dr. J. C. Bose                      2) Dr. H. G. Khorana<br/>3) Dr. C. V. Raman                      4) Dr. Raja Ramanna</p> <p><b>6. Why is it necessary to grow plants in an aquarium ?</b></p> <p>1) To increase the supply of carbon dioxide to fishes<br/>2) To increase the supply of oxygen to fishes<br/>3) To beauty the aquarium<br/>4) To increase the supply of nitrogen to the fishes</p> <p><b>7. A child is given "triple antigens" within one year or birth ? Why ?</b></p> <p>1) To provent diphtheria, tetanus and whooping cough<br/>2) To prevent diphtheria, malaria and cholera<br/>3) To prevent diphtheria, polio and cholera<br/>4) To prevent small-pox, malaria and filaria</p> <p><b>8. Life saving antibiotics are obtained from</b></p> <p>1) Algae    2) Fungi<br/>3) Bacteria    4) Medicinal plants</p> <p><b>9. What is a cupuncture ?</b></p> <p>1) Accurate puncturing of the diseased organs<br/>2) A type of surgery performed in India<br/>3) Curing illness by puncturing specified areas of skin with needles<br/>4) None of the above</p> <p><b>10. The number of Chromosomes present in man</b></p> <p>1) 46                      2) 44                      3) 48                      4) 23</p> | <p><b>11. How is night blindness cured ?</b></p> <p>1) By using convex lenses<br/>2) By using concave lenses<br/>3) By using contact lenses<br/>4) By eating carrots which contain carotene</p> <p><b>12. Why are dogs used to detect criminals ?</b></p> <p>1) The eyes of dogs are sharp to detect the criminals<br/>2) The auditory organ in dogs is very sensitive<br/>3) The taste buds in dogs are extremely sensitive so they lick the place before the criminal is detected.<br/>4) In dogs the olfactory receptor area is about forty times larger than that of man and so they are used.</p> <p><b>13. Which is the world's largest living creature?</b></p> <p>1) Indian elephant                      2) Blue whale<br/>3) Rhinoceros                      4) African elephant</p> <p><b>14. If a human were to be placed in an enclosed room with an atmosphere of oxygen and nothing else, what would he or she exhale?</b></p> <p>1) They exhale only carbon dioxide<br/>2) They exhale only oxygen<br/>3) They exhale only nitrogen<br/>4) None of the above</p> <p><b>15. What is the approximate caloric requirement of an adult male ?</b></p> <p>1) 1000 cal                      2) 5000 cal<br/>3) 3500 cal                      4) 6000 cal</p> <p><b>16. In the preparation of vegetable Ghee, hydrogen is passed through oils. This process is called</b></p> <p>1) Esterification                      2) Hydrogenation<br/>3) De-hydrogenation    4) None of the above</p> <p><b>17. Chemically Milksugar is known as</b></p> <p>1) Glucose                      2) Maltose<br/>3) Lactose                      4) None of the above</p> <p><b>18. Which of the following is an example of physical change ?</b></p> <p>1) Rusting    2) Burning<br/>3) Melting    4) None of the above</p> <p><b>19. An example of an inert gas is</b></p> <p>1) Argon                      2) Oxygen<br/>3) Laughing gas                      4) None of the above</p> <p><b>20. The phenomenon of radio activity is related to</b></p> <p>1) Amateur Radio                      2) Radio Astronomy<br/>3) Nucleus of an element    4) None of the above</p> |
|--|---|



- 21. Atmospheric pollution is caused by an excess of**  
 1) Carbon monoxide      2) Oxygen  
 3) Hydrogen              4) None of the above
- 22. The orbit of INSAT - I B is said to be :**  
 1) Heliocentric            2) Geo-stationary  
 3) Heliostationary        4) None of the above
- 23. The velocity of light is :**  
 1) Infinite  
 2)  $3 \times 10^8$  metres / sec (3 lakh km / sec.)  
 3) Zero                      4) None of the above
- 24. A good absorber of heat is a body**  
 1) Painted black          2) Painted white  
 3) With mirror like polish 4) None of the above
- 25. The instrument used to measure the depth of the sea is called**  
 1) RADAR                    2) SONAR  
 3) LASER                    4) None of the above
- 26. The force of repulsion between two like poles of a magnet is**  
 1) Directly proportional to the distance between them  
 2) Directly proportional to the square of the distance between them  
 3) Inversely proportional to the square of the distance between them  
 4) None of the above
- 27. Electric power is expressed as**  
 1) Product of voltage and current  
 2) Sum of voltage and current  
 3) Ratio of voltage and current  
 4) None of the above
- 28. Of the following which is not an elementary particle ?**  
 1) Electron                    2) Alpha particle  
 3) Proton                      4) None of the above
- 29. The picture content on the T.V. screen is called**  
 1) Audio                      2) video  
 3) Radio                        4) None of the above
- 30. Silicon element used in the manufacture of transistors is classified as**  
 1) Metal                        2) Semiconductor  
 3) Insulator                    4) None of the above
- 31. Anuradha is**  
 1) a film actress  
 2) a Government hotel in Delhi  
 3) India's experiment in space to study the anomalous low energy cosmic rays  
 4) a technique for desalinating water
- 32. Southernmost part of India**  
 1) is Kanyakumari        2) Lay in Nicobar Island  
 3) is Hyderabad            4) is Nagercoil
- 33. Telugu Ganga is a scheme to bring**  
 1) Cauvery water to Hyderabad  
 2) Krishna water to Nellore  
 3) Krishna water to Madras  
 4) Ganges to Tamil Nadu
- 34. Supreme Court's Judgement in Bachan Singh's case**  
 1) upholds death sentence in the rarest of rare case  
 2) upholds the Government Order to reduce the retirement age  
 3) grants relief to a rape victim  
 4) upholds the Constitution
- 35. Cloud seeding can**  
 1) create rain                      2) grow plants in space  
 3) only increase rain  
 4) change the direction of clouds
- 36. The sector that has the highest plan outlay in Union Budget, 1983 – 84 is**  
 1) Agriculture  
 2) Special Area Programme  
 3) Science and Technology      4) Energy
- 37. Pragati Patham is**  
 1) 15 point development scheme of Andhra Pradesh  
 2) 27 point development scheme of India  
 3) Victory flag of the Cholas  
 4) Boarding school in Vizag
- 38. Williamsburg Summit was different from Canain Meet in that**  
 1) It was a meeting of Commonwealth Heads  
 2) India did not participate  
 3) India could not participate  
 4) It was a meeting of the poor countries in the world
- 39. Total food grains production (including pulses) in the country is now**  
 1) between 130 – 150 million tonnes  
 2) between 10 – 20 million tonnes  
 3) between 200 – 240 million tonnes  
 4) between 80 – 90 million tonnes
- 40. Narendra - 1 is the name of**  
 1) a Mythical king            2) Satellite  
 3) a new variety of rice  
 4) a train between Madras and Madurai
- 41. Asiad 82 brought the games to Delhi for the second time. Which other city has hosted Asiad more than once ?**  
 1) Manila    2) Tokyo    3) Jakarta    4) Bangkok
- 42. Mahadevi Verma is a**  
 1) Hindi poetess            2) Opposition leader in U. P.  
 3) Script writer              4) Educationist

- 43. SAARC comprises India, Maldives, Bhutan, Nepal, Pakistan, Bangladesh and**  
 1) Madagascar                      2) Cuba  
 3) Sri Lanka                          4) Denmark
- 44. Kalpakkam is in the news because**  
 1) a triple murder took place there  
 2) its atomic power plant went critical  
 3) a mercury lignum was found  
 4) gold was struck in the mines
- 45. According to the latest census**  
 1) 20 percent of the population lives in urban areas  
 2) 18.6 percent lives in urban areas  
 3) 76.5 percent lives in rural areas  
 4) 0.5 percent lives in urban areas
- 46. Rakesh Sharma and Ravish Malhotra are**  
 1) World class openers  
 2) Antarctica team members  
 3) Ghazal singers  
 4) IAF test pilots undergoing training USSR for space flight.
- 47. Small coins will be gradually phased out as**  
 1) It is unsafe to carry them  
 2) Beggars refuse to accept them  
 3) Production cost is more than their value  
 4) People are converting them into fancy ornaments
- 48. People of Indian origin in Sri Lanka are concentrated more in**  
 1) Colombo                          2) Anuradhapura  
 3) Jaffna                                4) Mannar
- 49. Bhanu Athaiya is the first Indian to win the**  
 1) Guardian Award                2) Oscar Award  
 3) Magsaysay Award               4) Olympic Gold Medal
- 50. The Dada Saheb Phalke Award was given this year to**  
 1) Satyajit Ray                        2) L. V. Prasad  
 3) Kamalhasan                        4) Adoor Gopalakrishnan
- 51. The space craft launched by the USA in 1972 to explore Jupiter which is still in orbit is**  
 1) Cosmos 1402                        2) Pioneer 10  
 3) Cosmos 1445                        4) Observer
- 52. The President of Nigeria is**  
 1) Shehu Shagari                    2) H. B. Roburt  
 3) Seyid Muhammed                4) Julius Nyerere
- 53. The Chairperson of the Seventh Non aligned Summit was**  
 1) Mrs. Indira Gandhi                2) Dr. Fidel Castro  
 3) Mr. K. Natwar Singh            4) Mr. Raul Roakouri
- 54. The winners of the 1983 Wimbledon tennis tournament were**  
 1) Martina Navratilova and Ivan Lendle  
 2) Chris Evert Lloyd and John Mc Enroe  
 3) Martina Navratilova and Jimmy Connors  
 4) Martina Navratilova and John Mc Enroe
- 55. The Indian National Programmes are telecast via**  
 1) Intelsat - 1                          2) Rohini  
 3) Stationar - 6                        4) Intelsat - 4
- 56. The Sagar Kanya is the name of**  
 1) The Oceanographic research vessel India has bought  
 2) A satellite constructed at SAAR  
 3) A ship employed by the Coast guards  
 4) A new high yielding variety of wheat
- 57. Nikolai Tikhonov is**  
 1) Soviet Prime Minister    2) Chess Champion  
 3) Gymnast                              4) Cosmonaut
- 58. The 1983 All England Badminton Champion is**  
 1) Liem Swie King                    2) Luan Jin  
 3) Han Jain                                4) Prakash Padukone
- 59. The President of the Philippines is**  
 1) Sukarto                                2) Bob Hawke  
 3) H. M. Ershad                        4) Ferdinand Macros
- 60. The Commission set up by the Central Government to examine Centre State relations is the**  
 1) Sarkaria Commission  
 2) Mohan Commission  
 3) Padmanabhan Commission  
 4) Sadasivan Commission
- 61. The coast of submerge is found in**  
 1) Coromandal coast                2) Konkan coast  
 3) Kerala coast                        4) South Canara coast
- 62. The highest urbanization in India is found in**  
 1) Tamil Nadu                          2) Andhra Pradesh  
 3) Maharashtra                        4) Uttar Pradesh
- 63. India has the World's largest reserves of**  
 1) Coal                                    2) Mica                                3) Iron Ore                            4) Barytes
- 64. The region which receives high rainfall due to the North east monsoon is**  
 1) Tamilnadu coast                    2) Assam  
 3) Gangetic plain                        4) Kashmir
- 65. The sugar belt in India lies in**  
 1) Godavari Valley                    2) Punjab  
 3) Middle Ganga Valley               4) Maharashtra
- 66. While all the major peninsular rivers flow to the east, Narmada and Tapi flow to the west, because of**  
 1) Lava Flow                            2) Floding  
 3) Fault line                              4) Vindhya and Satpura ranges

- 67. Both quality and quantity the leading mica mining State in India is**  
 1) Andhra Pradesh      2) Bihar  
 3) Rajasthan            4) Tamil Nadu
- 68. But for their large scale, monsoons are similar to**  
 1) Land and sea breezes    2) Trade winds  
 3) Westerlies              4) Local winds
- 69. The Indian Standard Time is referred to the latitude**  
 1) 85 E    2) 82 1/2 E    3) 80 E    4) 88 W
- 70. The geopolitical significance of the India lies in its**  
 1) large population  
 2) large agricultural production  
 3) rich ancient culture    4) size and location
- 71. The work of the drafting of Indian Constitution completed on**  
 1) 9th December, 1946    2) 15th August, 1947  
 3) 26th November, 1949    4) 26th January, 1950
- 72. The Vice President of India is**  
 1) nominated by the President  
 2) elected by the electoral college  
 3) appointed by the Prime Minister  
 4) selected through none of the above
- 73. The term of office of a Governor of a State is**  
 1) Six years                  2) Five years  
 3) Seven years              4) Three years
- 74. The Prime Minister of India is**  
 1) The Chairman of Rajya Sabha  
 2) Leader of the majority party in the Lok Sabha  
 3) Vice President of the Ruling Party  
 4) President of the Ruling Party
- 75. The Supreme Commander of India's Armed Forces is**  
 1) Defence Minister      2) President  
 3) Vice President        4) Prime Minister
- 76. The President of India is eligible to seek re-election**  
 1) Two times                2) Three times  
 3) Four times               4) Any number of times
- 77. The Presiding Officer of the Rajya Sabha is the**  
 1) Speaker                  2) President  
 3) Vice President         4) Prime Minister
- 78. The Lok Sabha is dissolved by the**  
 1) Speaker                  2) President  
 3) Vice President         4) Prime Minister
- 79. The wording of the preamble to the Indian Constitution is**  
 1) Sovereign Democratic Republic  
 2) Sovereign Socialist Secular Democratic Republic  
 3) Federal Democratic Country  
 4) Democratic Republic Country
- 80. An order from the Court to any official to show his right to the office is called**  
 1) Habeas Corpus        2) Writ of Certiorari  
 3) Writ of Quo Warranto    4) Writ of officiality
- 81. The Mahalanobis model used as the basis for India's Second Five Year Plan was originally conceived by**  
 1) Alec Nove                2) L. V. Knatorough  
 3) G. A. Feldman         4) V. S. Nemchinov
- 82. Sectoral distribution of public sector expenditure shows that during the Fifth Plan 25 percent was spent on**  
 1) Agriculture and Irrigation  
 2) Transport and Communication  
 3) Power                     4) Industry
- 83. The present rate of saving in the Indian economy is around**  
 1) 22 percent                2) 18 percent  
 3) 15 percent                4) 10 percent
- 84. The annual average percentage growth rate envisaged in the Sixth Plan is**  
 1) 7.6                        2) 5.2                        3) 4.4                        4) 2.5
- 85. The largest proportion of savings in India comes from**  
 1) Banking sector         2) Corporate sector  
 3) Household sector      4) Public sector
- 86. The largest proportion of the total outlay of the Five Year Plans in the India is mobilised through**  
 1) Direct taxes              2) Deficit financing  
 3) External borrowing    4) Indirect taxes
- 87. A large part of investment in India in the Public Sector is directed for the development of**  
 1) Consumer goods industries  
 2) Defence industry  
 3) Heavy capital goods industries  
 4) Light capital goods industries
- 88. The targetted growth for exports in the Sixth Five year Plan is about ?**  
 1) 10 percent                2) 8 percent  
 3) 5.5 percent               4) 4.5 percent
- 89. The predominant type of organisation in Indian industry is**  
 1) Co-operatives            2) Joint Stock Company  
 3) Partnership              4) Proprietors
- 90. Small enterprises refer to those units which have got gross fixed capital of**

- 1) Rs. 20 lakhs                      2) Rs.15 lakhs  
3) Rs. 7.5 lakhs                      4) Rs. 5 lakhs
- 91. The name of the ancient place generally identified with the Indus Valley is**  
1) Ur                      2) Tyre                      3) Meluhha                      4) Niniveh
- 92. The inscription containing the description of the achievements of Gautamiputra Satakarni is at**  
1) Ajanta                      2) Nasik  
3) Amaravathi                      4) Bhattiprolu
- 93. The founder of the Haryanka dynasty was**  
1) Bimbisara                      2) Bindusara  
3) Ajatasatru                      4) Chandragupta
- 94. The Fourth Buddhist Council is linked with this ruler**  
1) Ashoka                      2) Kanishka  
3) Harsha                      4) Samudragupta
- 95. The seal of the Pallavas was**  
1) Tiger                      2) Boar                      3) Bull                      4) Fish
- 96. Panduranga was the Commander of the armies of this dynasty**  
1) Anandagotras                      2) Pallavas  
3) Chalukyas of Badami  
4) Eastern Chalukyas of Vengi
- 97. Syadvada is associated with the religion**  
1) Brahmanism                      2) Jainism  
3) Buddhism                      4) Islam
- 98. The place in Andhra Pradesh containing fine Badami Chalukyan temples**  
1) Tadipatri                      2) Ghantasala  
3) Billasurgam                      4) Alampur
- 99. The capital city of the Rashtrakutas was**  
1) Manyakheta                      2) Vijayapuri  
3) Badami                      4) Bhattiprolu
- 100. The earliest inscriptions relating to the history of Andhra Pradesh are in this language**  
1) Sanskrit                      2) Telugu                      3) Tamil                      4) Prakrit
- 101. Qutub Minar was completed during the reign of**  
1) Iltutmish                      2) Razia                      3) Balban                      4) Ala-ud-din
- 102. Who among the following introduced Jagirsystem**  
1) Ala-ud-din                      2) Balban  
3) Feroz Tughlaq                      4) Ibrahim Lodi
- 103. The hold of the Sultanate under Lodi dynasty included all but one of the provinces**  
1) Punjab                      2) Rajasthan  
3) Uttar Pradesh                      4) Madhya Pradesh
- 104. Who among the following is called a child of Allah and Ram ?**  
1) Ramanand                      2) Kabir  
3) Surdas                      4) Tulsidas
- 105. Which one of the following Sikh gurus was executed by Jahangir ?**  
1) Angad                      2) Arjun                      3) Amardas                      4) Ramdas
- 106. The main industry during the Mughal period was**  
1) Cotton                      2) Spices                      3) Indigo                      4) Saltpetre
- 107. Kulottunga united the crowns of**  
1) Cholas and Eastern Gangas  
2) Pallavas and Cholas  
3) Cholas and Eastern Chalukyas  
4) Cholas and Pandyas
- 108. The royal preceptor of Ganapatideva was**  
1) Besdaba                      2) Visvesvara Sambhu  
3) Panditaradhya                      4) Narahari Tirtha
- 109. Vira Saivism was spread in Andhra by**  
1) Panditaradhya                      2) Somanatha  
3) Basava                      4) Visvesvara
- 110. The Adil Shah ruler defeated by Krishna Devaraya was**  
1) Yusuf Adil Shah                      2) Ibrahim Adil Shah  
3) Malik Adil Shah                      4) Ali Adil Shah
- 111. The important cause for the conflict of the Bhaminis and the Vijayanagar rulers was**  
1) Religious rivalry                      2) Political ambition  
3) Possession of territory  
4) Non payment of tribute
- 112. The earliest of the mutinies against the British was**  
1) Mutiny at Barrackpur                      2) Mutiny in Assam  
3) Mutiny of the Madras army  
4) The Indian Mutiny of 1857 - 58
- 113. The policy of the counterpoise of natives against natives was inaugurated by**  
1) Sir John Lawrence                      2) Lord Mayo  
3) Lord Rippon                      4) Lord Lytton
- 114. The first act which altered the constitution of the East India Company at home changed the structure of the company in India**  
1) The Regulating Act of 1773  
2) The Pitt's India Act of 1784  
3) The Charter Act of 1813  
4) The Government of India Act of 1858
- 115. The teacher trainee who was restricted from the college during the Vandematarama movement was**  
1) Pattabhi Seetharamayya  
2) Gadicherla Harisarvothama Rao  
3) Nypati Subbarao  
4) A. L. Narasimha Rao
- 116. The Hyderabad State Congress was founded by**



- 1) Burgula Ramakrishna Rao
- 2) Swami Ramanada Tirtha
- 3) Madapati Hanumantha Rao
- 4) Ravi Narayana Reddy

**117. The Act that introduced bicameral legislature in India was**

- 1) The Indian Council Act of 1909
- 2) The Government of India Act of 1919
- 3) The Government of India Act of 1935
- 4) The Indian Independence Act of 1947

**118. Indian representative in the Parliament of Religions was**

- 1) Mahatma Gandhi
- 2) Arabindo Ghosh
- 3) Swami Vivekananda
- 4) Raja Ram Mohan Roy

**119. The All India Congress Session was held for the first time in Andhra at**

- 1) Vijayawada
- 2) Visakhapatnam
- 3) Guntur
- 4) Kakinada

**120. The first Session of Andhra Mahasabha which was held at Bapatla in 1913 was presided over by**

- 1) Nyapati Subba Rao
- 2) Pattabhi Seetharamayya
- 3) B. N. Sharma
- 4) Konda Venkatappaiah

In the following items each one contains word or words, numbers or alphabets which are omitted and blank spaces are provided instead. Each item has four alternatives 1, 2, 3, 4. You have to pick out one of the alternatives which will fill the blanks so that the item / sentence will be true and sensible.

**121. Skin; Muscle; Bone ; .....**

- 1) Blood
- 2) Calcium
- 3) Marrow
- 4) Veins

**122. F : 12 :: R : .....**

- 1) 36
- 2) 26
- 3) 18
- 4) 16

**123. Flute : ..... :: trumpet : Guitar**

- 1) Harmonica
- 2) Drums
- 3) Piano
- 4) Violin

**124. LA ..... ON**

- 1) GO
- 2) IM
- 3) TI
- 4) BA

**125. A : ..... :: N : V**

- 1) F
- 2) G
- 3) H
- 4) I

**126. TR : ..... :: LJ : .....**

- 1) PN, JH
- 2) GH, KM
- 3) QP, IG
- 4) UW, MN

**127. Letter : ..... :: Sentence**

- 1) Mail, Words
- 2) Word, Phrase
- 3) Correspondence, Court
- 4) Alphabets, Words

**128. Issue : ..... :: draw**

- 1) Politics, Pencil
- 2) Rake, Water
- 3) Law, Art
- 4) Words, Strokes

**129. .... is to branch as knot is to .....**

- 1) Wood hanging
- 2) Tree fiber
- 3) Knarl chord
- 4) Leaves tie

**130. .... is to KC, ME, No as HG is to .....**

- 1) PO : DE FE, FG
- 2) OO : FE GG, JG
- 3) OP : EG FG, GH
- 4) RE : EF, GH, IJ

**131. .... is to era as descent is to .....**

- 1) Years light
- 2) Dawn kings
- 3) Days humann
- 4) Archaeology history

**132. .... is to 16 as 76 is to .....**

- 1) 20, 100
- 2) 4, 7
- 3) 10, 70
- 4) 2, 13

**133. .... is to sentence as sentence is to**

- 1) Crime, Judgement
- 2) Word, Paragraph
- 3) Jurry, Prose
- 4) Words, Legal

**134. .... is to A as 22 is to .....**

- 1) O BB
- 2) I XX
- 3) K 3
- 4) B BB

**135. .... is to 64 as 2 is to .....**

- 1) 6, 18
- 2) 4, 32
- 3) 7E B
- 4) 2, B

**136. .... is to ABC as CBA is to .....**

- 1) PQS RST
- 2) LMN FDG
- 3) IHG UVW
- 4) XYZ KJI

**137. .... is to D as J is to ..... as ..... is to X**

- 1) C, K, W
- 2) E, I, Y
- 3) F, L, Y
- 4) B, G, T

**138. .... is to eye as cap is to ..... as ..... is to book**

- 1) Lid, Pen, Cover
- 2) Spectacles, wool, Paper
- 3) Vision, head, words
- 4) Socket, scals, hands

**139. .... is to pause as colon is to ..... as change is to .....**

- 1) Comma, long pause, hyphen
- 2) Fullstop, change, semicolon
- 3) Clause, Example, Exclamation
- 4) Noun, Adjective, tanse

**140. .... is to exotic as lavish is to ..... as ..... is not to luxury**

- 1) Foreign, Profuse, Simplicity
- 2) Fragrance, Wealth, Sumptuous
- 3) Mystic, Prodigal, Unelegant
- 4) Perfumes, Money, Parismony

**141. .... is to kite as motive is to ..... as ..... is to mass**

- 1) Paper, Power, Clay
- 2) Strong, Man, Material
- 3) Wind, Human, Pressure
- 4) Fly, Propel, Move

**142.99 is to ..... as ..... is to 1000 as 665 is to .....**

- 1) 9, 100, 60
- 2) 100, 999, 666
- 3) 19, 110, 65
- 4) 9, 111, 66

**143..... is to 99 as 10 is to ..... as ..... is not to 420**

- 1) 9, 110, 14
- 2) 10, 9, 4
- 3) 9, 1, 42
- 4) 3, 2, 11

**144..... is to E as I is to ..... as ..... is not to V :**

- 1) A , 9, 19
- 2) 5, 9, 20
- 3) 0, 10, 20
- 4) 4, L, 22

**145..... is to medicine as corruption is to ..... ignorance is to ..... as fungus is to .....**

- 1) Patient, leaders, masses, moisture
- 2) Chemicals, society, rural, moss
- 3) Disease, Government, Education, Wood
- 4) Doctor, Management, labour, soil

**146..... is to leg as hinge to ..... as ..... is to arm as ..... is to finger**

- 1) Bone, window, shoulder, nail
- 2) Walk, move, lift, write
- 3) Knee, door, shoulder, knuckle
- 4) Table, door, chair, stool

**147..... is to tree as climber is to ..... as ..... is to grass as ..... is to shrub**

- 1) Neem, Melon, Wood, tea
- 2) Axe, Woodcutter, mover, chopper
- 3) Mango, Coconut, paddy, lemon
- 4) Trunk, tendril, stock, things

**148..... is to timber as ferment is to ..... as ..... is to milk as break is not to .....**

- 1) Rot, sugar, split, flower
- 2) Dead, Liquor, Spoil, iron
- 3) Fire, curd, bacteria, seeds
- 4) Solid, Liquid, Semi liquid, Solid

**149..... is to cripple as curl is to ..... as ..... is to essay as curt is to**

- 1) Legs, hair, topic, manners

- 2) Cramp, reptile, curtail, speech
- 3) Crutch, comb, words, rude
- 4) Lamé, pain, style, speech

**150..... is to carpet as cotton is to ..... as ..... is to book as ..... is not to bag**

- 1) Wool, fiber, words, iron
- 2) Jute, cloth, paper, wood
- 3) Feet, body, hands, skin
- 4) Animal, planet, machine, man - made

**ANSWERS**

- 1) 1      2) 1      3) 4      4) 1      5) 2      6) 2
- 7) 1      8) 2      9) 3      10) 1      11) 4      12) 4
- 13) 2      14) 1      15) 3      16) 2      17) 3      18) 3
- 19) 1      20) 3      21) 1      22) 2      23) 2      24) 1
- 25) 2      26) 3      27) 2      28) 2      29) 2      30) 2
- 31) 3      32) 1      33) 3      34) 1      35) 1      36) 4
- 37) 1      38) 2      39) 1      40) 3      41) 4      42) 1
- 43) 3      44) 2      45) 2      46) 4      47) 3      48) 3
- 49) 2      50) 2      51) 2      52) 1      53) 1      54) 4
- 55) 1      56) 1      57) 1      58) 4      59) 4      60) 1
- 61) 3      62) 3      63) 2      64) 1      65) 4      66) 3
- 67) 1      68) 1      69) 2      70) 4      71) 3      72) 2
- 73) 2      74) 2      75) 2      76) 4      77) 3      78) 4
- 79) 2      80) 3      81) 3      82) 3      83) 2      84) 2
- 85) 3      86) 3      87) 3      88) 1      89) 1      90) 4
- 91) 3      92) 2      93) 1      94) 2      95) 3      96) 4
- 97) 3      98) 4      99) 1      100) 4      101) 1      102) 3
- 103) 1      104) 2      105) 2      106) 1      107) 3      108) 2
- 109) 4      110) 1      111) 3      112) 1      113) 1      114) 1
- 115) 2      116) 2      117) 2      118) 3      119) 1      120) 3
- 121) 3      122) 1      123) 4      124) 1      125) 4      126) 1
- 127) 2      128) 1      129) 4      130) 3      131) 2      132) 3
- 133) 2      134) 1      135) 2      136) 4      137) 1      138) 1
- 139) 2      140) 1      141) 3      142) 2      143) 1      144) 2
- 145) 2      146) 1      147) 1      148) 4      149) 1      150) 2

**GROUP - II PRELIMINARY EXAMINATION  
GENERAL STUDIES & MENTAL ABILITY - 2003**

1. **The largest groundnut producer in the world is**  
a) India    b) Sudan    c) Brazil    d) China
2. **Which nation possesses the largest cattle population in the world**  
a) U. S. A.    b) Australia  
c) India    d) Denmark
3. **The largest producer of fish in the world is**  
a) China    b) Japan    c) U. S. A.    d) Norway
4. **Which country is the leading producer of cement in the world**  
a) India    b) U. S. A.    c) Britain    d) Japan
5. **Which countries are separated by the Mc Mahon Line**  
a) India and Pakistan    b) China and Tibet  
c) India and China    d) India and Bangladesh
6. **Soil erosion in India occurs in almost all the states, but it is especially serious along the coast of**  
a) Kerala    b) Tamil Nadu  
c) Orissa    d) Karnataka
7. **What is the ideal temperature for the cultivation of wheat ?**  
a) 20 to 25 C    b) 15 to 20 C  
c) 10 to 15 C    d) 25 to 30 C
8. **Which state is the leading producer of coconuts in India ?**  
a) Assam    b) Kerala  
c) Tamil Nadu    d) Karnataka
9. **Which state has the largest area under canal irrigation in terms of total acreage ?**  
a) Uttar Pradesh    b) Haryana  
c) Bengal    d) Punjab
10. **Which state has the maximum length of roads?**  
a) Madhya Pradesh    b) Bihar  
c) Maharashtra    d) Punjab
11. **The first postal stamp of India was released in 1837. Where was it released ?**  
a) Karachi    b) Bombay  
c) Dhaka    d) Rangoan
12. **In which state has the petro-chemical industry developed most in India ?**  
a) West Bengal    b) Bihar  
c) Gujarat    d) Tamil Nadu
13. **What percentage of the total population of the world lives in Asia**  
a) About 30%    b) About 45%  
c) About 55%    d) About 65%
14. **Which is the substance obtained on a commercial scale from sea water, besides sodium chloride ?**  
a) Radium    b) Iodine  
c) Thorium    d) Manganese
15. **In South-East Asia, the highest population density is found in**  
a) Vietnam    b) Cambodia  
c) Malaysia    d) Indonesia
16. **India borrowed the idea of directive principles of State Policy from the Constitution of**  
a) The Weimar Republic of Germany  
b) The Republic of Ireland  
c) South Africa    d) None of the above
17. **The preamble to the Indian Constitution reads**  
a) We, the people of India-adopt, enact and give to India this Constitution  
b) We, the members of the Constituent Assembly adopt, enact and give to ourselves this Constitution  
c) We, the citizens of India adopt, enact and give ourselves this Constitution  
d) We, the people of India in our Constituent Assembly adopt, enact and give to ourselves this Constitution
18. **The ideals of liberty, equality and fraternity enshrined in the Preamble of the Constitution of India were adopted under the inspiration of**  
a) The French Revolution  
b) The Russian Revolution  
c) The American Declaration of Independence  
d) The U. N. O. Charter
19. **Which of the following is a vector quantity ?**  
a) Mass    b) Time    c) Volume    d) Velocity
20. **Mechanical energy can be converted into**  
a) Light energy    b) Heat energy  
c) Electrical energy    d) All of the above
21. **The working of rockets is based on the principle of**  
a) Electricity    b) Kepler's law  
c) Newton's law  
d) Conservation of Momentum
22. **The most abundantly found metal in the human body is**





- 51. 'Subsidies' means**  
 a) Payment by Government for purchase of goods and services  
 b) Payment by the business sector to factors of production  
 c) Payment by shareholders  
 d) Payment by Government to the business sector
- 52. The 'tertiary sector' of an economy refers to**  
 a) Agriculture                      b) Industrial sector  
 c) Service sector                  d) Social sector
- 53. Expenditure on defence is an item of**  
 a) Public investment              b) Private investment  
 c) Private consumption          d) Public consumption
- 54. The Drafting Committee of the Indian Constitution was headed by**  
 a) B. N. Raju                        b) Dr. B. R. Ambedkar  
 c) K. M. Munshi                    d) Dr. Rajendra Prasad
- 55. A jet engine works according to the principle of**  
 a) Mass                                b) Energy  
 c) Linear momentum                d) Angular momentum
- 56. A liquid metal is**  
 a) Mercury                          b) Aluminium  
 c) Sodium                          d) Cadmium
- 57. Baking soda is**  
 a) Sodium carbonate  
 b) Sodium bicarbonate  
 c) Calcium carbonate  
 d) Sodium thiosulphate
- 58. The gas used in fire extinguishers is**  
 a) Carbon monoxide                b) Carbon dioxide  
 c) Hydrogen                        d) Sulphur dioxide
- 59. Vinegar is**  
 a) Picric acid                        b) oxalic acid  
 c) Acetic acid                        d) Carbolic acid
- 60. Algae come under the division**  
 a) Thallophyta                      b) Bryophyta  
 c) Pteridophyta                      d) Gymnosperm
- 61. Riccia is commonly called**  
 a) Moss                                b) Green mold  
 c) Liverwort                        d) Smut
- 62. Transpiration through leaves is called**  
 a) Stomal transpiration  
 b) Cuticular transpiration  
 c) Lenticular transpiration        d) Guttation
- 63. Copper is**  
 a) Micro-nutrient                  b) Macro-nutrient  
 c) Tracer element                  d) Cation
- 64. The enzyme present in human saliva is**  
 a) Renin                                b) Protease  
 c) Amylase                          d) Lipase
- 65. Haemoglobin is a / an**  
 a) Enzyme                            b) Sugar  
 c) Lipid                                d) Protein in the R. B. C.
- 66. Which one of the following is excreted in urine normally ?**  
 a) Sugar                                b) Creatin                            c) Protein                            d) Fat
- 67. Malaria is caused by the parasite**  
 a) Mosquito                          b) Plasmodium  
 c) Entamoeba                        d) Trypanosoma
- 68. The Hindu ruler who defeated Mohammad of Ghori was**  
 a) Thiviraj                            b) Jayachandra  
 c) Lalitaditya                        d) Vidyadhara
- 69. Din-I-Ilhai wag**  
 a) An idea                            b) Akbar's religion  
 c) A mosque                         d) Aurangzeb's policy
- 70. The Swaraj Party was formed by**  
 a) C. R. Das                          b) Pandit Nehru  
 c) Gandhiji                          d) Subhash Chandra Bose
- 71. The first Indian National Congress session was held at**  
 a) Madras                            b) Delhi  
 c) Bombay                          d) Calcutta
- 72. The Home Rule League of Annie Besant was founded in 1916 at**  
 a) Bombay                          b) Calcutta  
 c) Madras                          d) Delhi
- 73. Sandy desert is known also as**  
 a) Erg                                  b) Reg                                c) Drumlin                        d) Serir
- 74. Doldrum is**  
 a) Low pressure belt                b) High pressure belt  
 c) No pressure belt                 d) Cyclonic belt
- 75. Which local wind is known as "the doctor"**  
 a) Bora                                b) Simon                            c) Harmattan                    d) Chinook
- 76. India is the largest producer of**  
 a) Rice                                b) Groundnut  
 c) Cotton                              d) Tobacco
- 77. Lake Volta is a part of**  
 a) Ghana                              b) Burkina Faso  
 c) Ivory Coast                        d) Toga
- 78. Which of the following is the cause of inequalities of income ?**  
 a) Unemployment                  b) Depression in industry  
 c) Concentration of economic power  
 d) Difference in standard of living
- 79. Disguised unemployment refers to**  
 a) Persons with no jobs  
 b) More persons employed for a job, which a few can accomplish  
 c) Unemployment of women  
 d) Unemployment of people above 60 years

- 80. Inflation is caused by**  
 a) Increase in money supply  
 b) Decrease in Population  
 c) Decrease in production d) (a) and (c)
- 81. The creation of a joint sector was recommended by the**  
 a) Raj Committee b) New Industrial Policy  
 c) Dutta Committee d) Hazari Committee
- 82. In India, the largest number of workers are employed in the**  
 a) Sugar Industry b) Iron and Steel Industry  
 c) Cotton and Textile Industry  
 d) Jute - Industry
- 83. Which of the following is not a basic industry?**  
 a) Iron and Steel b) Fertilizers  
 c) Paper d) Cement
- 84. Which of the following is the most important source of revenue for the states in India**  
 a) Sales tax b) Customs duties  
 c) Land revenue d) Profession tax
- 85. Which of the following taxes is the largest source of revenue of the Government of India?**  
 a) Excise duties b) Corporation taxes  
 c) Customs duties d) Income tax
- 86. The largest rice producing state in India is**  
 a) West Bengal b) Kerala  
 c) Uttar Pradesh d) Bihar
- 87. The Indian Constitution came into force on**  
 a) November 25, 1949 b) August 25, 1945  
 c) August 15, 1947 d) January 26, 1950
- 88. How many states are there in India ?**  
 a) Fifteen b) Twenty - one  
 c) Twenty - five d) Twenty - eight
- 89. The Right to freedom is contained in Article**  
 a) Sixteen b) Nineteen  
 c) Twenty-three d) Twenty-five
- 90. The maximum strength for the Rajya Sabha is**  
 a) 238 b) 250 c) 280 d) 300
- 91. The tenure of the Indian president is**  
 a) Two years b) Four years  
 c) Five years d) Six years
- 92. Who is the Presiding Officer of the meeting of the Council of Ministers in a state ?**  
 a) The Chief Minister b) The Governor  
 c) The Speaker d) The Chief Justice
- 93. If the Supreme Court Judges want to retire before the expiry of their term, to whom do they have to address their resignation ?**  
 a) The President b) The Chief Justice of India  
 c) The Prime Minister d) The Law Minister
- 94. What is the retiring age of High Court Judges**  
 a) 58 years b) 60 years c) 62 years d) 65 years
- 95. The Constitution of India describes India as**  
 a) Voluntary Federation b) Confederation  
 c) Union of States d) Federation
- 96. Who appoints the Chief Minister of a State**  
 a) The Governor b) The Speaker  
 c) The President of India  
 d) The Governor in consultation with the speaker
- 97. The length of a rectangular field is 21 m longer than its breadth. If the area of the field is 196m<sup>2</sup>, then the length of the field is**  
 a) 22m b) 28m c) 32 m d) 16m
- 98. If A : B = 2 : 3 and C : B = 3 : 4 then A : C is**  
 a) 2 : 3 b) 2 : 4 c) 8 : 9 d) 9 : 8
- 99. The sum of the first five odd number is**  
 a) 15 b) 25 c) 16 d) 18
- 100. Who is the Chairman of the 12th Finance Commission of India ?**  
 a) A. M. Khusro b) Dr. V. V. Desai  
 c) Dr. C. Rangarajan d) P. R. Pancharukhi
- 101. The Chairman of the National Commission on Human Rights is**  
 a) Justice V. R. Varma b) Justice Anand  
 c) Justice V. R. Krishna Ayer  
 d) Justice Jayachandra Reddy
- 102. How many Schedules are there at present in the Indian Constitution**  
 a) 9 b) 10 c) 11 d) 12
- 103. The provision of employment to all comes under**  
 a) Fundamental Rights  
 b) Directive Principles of State Policy  
 c) Preamble d) None of the above
- 104. Secularism envisages**  
 a) No religion b) Equal status for all religions  
 c) A particular religion of a state  
 d) None of the above
- 105. Who is the guardian of Fundamental Rights in India ?**  
 a) The President b) The Prime Minister  
 c) The Parliament  
 d) The Supreme Court and the High Courts
- 106. Fundamental Duties of the Indian Citizen are included in**  
 a) The Preamble b) Part III of the Constitution  
 c) Part IV of the Schedule  
 d) Part IV - A of the Constitution
- 107. The authority to issue writs for the enforcement of Fundamental Rights rests with**  
 a) All the Courts of India  
 b) The Parliament c) The Supreme Court  
 d) The President of India

- 108. How many members are nominated to the Rajya Sabha by the President ?**  
 a) One - fourth of its total members  
 b) Two members c) Ten members  
 d) Twelve members
- 109. Who is the Presiding Officer of the Rajya Sabha ?**  
 a) The President b) The Vice - President  
 c) The Speaker d) The Deputy Speaker
- 110. The passage of a money bill may be delayed by the Rajya Sabha for a maximum period of**  
 a) Ten days b) Fourteen days  
 c) Fifteen days d) One month
- 111. In India, the Council of Ministers is collectively responsible to**  
 a) The Parliament b) The Lok Sabha  
 c) The Rajya Sabha d) None of the above
- 112. All disputes regarding the election of the President are decided by**  
 a) The Supreme Court b) The Parliament  
 c) The Election Commission  
 d) None of the above
- 113. Aman goes 150m due east and then 200m due north. The distance of the man from the starting Point is**  
 a) 300 m b) 250 m c) 350 m d) 275 m
- 114. The number of rational numbers between 2 and 5 is**  
 a) One b) Two c) Infinite d) None of the above
- 115. The Highest Common Factor of 25 and 35 is**  
 a) 1 b) 5 c) 7 d) 25
- 116. The number of prime numbers between 10 and 20 is**  
 a) 4 b) 5 c) 6 d) 7
- 117. India's first Gramin Cyber Centre was launched in**  
 a) Tamil Nadu b) Andhra Pradesh  
 c) Madhya Pradesh d) Karnataka
- 118. The first Dalit Chief Minister of Andhra Pradesh was**  
 a) D. Sanjeevaiah b) S. K. Sinde  
 c) Rajamallu d) K. Ranga Rao
- 119. The richest Indian in India is**  
 a) Mukesh Ambani b) Anil Ambani  
 c) Azim Premji d) Narayana Murthy
- 120. The winner of the Femina Miss India Contest, 2003 is**  
 a) Ms. Nikita Anand b) Ms. Ami Vashi  
 c) Ms. Swetha Vijaya d) Ms. Priyanka Chopra
- 121. The CEAT International Cricketer of the Year Award, 2002 has been presented to**  
 a) S. Tendulkar b) M. Muralitharan  
 c) Andy Flower d) S. Fleming
- 122. The CEAT International Batsman of the Year Award, 2002 has been presented to**  
 a) S. Tendulkar b) S. Jayasurya  
 c) S. Fleming d) S. Ganguly
- 123. The Gandhi Peace Price for 2002 has been awarded to**  
 a) The Bharatiya Vidya Bhavan  
 b) Nelson Mandela  
 c) Colin Powell d) Kofi Annan
- 124. Who is the new Chief Minister of Meghalaya**  
 a) Gangaram b) Ramalinga Rama Rao  
 c) Vidya Stokes d) D.D. Lapang
- 125. Who is the new Chief Minister of Himachal Pradesh ?**  
 a) Veerabhadra Singh b) Vidya Stokes  
 c) D. Singh d) D. D. Lapang
- 126. The six-day World Economic Forum 2003 held in**  
 a) Switzerland b) The Netherlands  
 c) Poland d) France
- 127. Who is the Chairman of the U. N. O. Human Rights Commission**  
 a) A. Sharon b) N. A. Hajjaji  
 c) Kiran Bedi d) Robinson
- 128. What is 'cheap' money ?**  
 a) When money loses its value  
 b) Unearned money  
 c) When money loses its value because of inflation  
 d) When credit becomes easily available from banks
- 129. The largest known crude oil reserves are in**  
 a) Iraq b) U. A. E. c) U. S. A. d) Saudi Arabia
- 130. Which Article of the Indian Constitution empowers the President to pardon the sentence of a convicted person ?**  
 a) Article 62 b) Article 63  
 c) Article 70 d) Article 72
- 131. The 'poverty line' is determined by**  
 a) Per capita intake (calories)  
 b) Income of the family  
 c) General health  
 d) Housing and clothing facilities
- 132. The script used by the Indus Valley Civilization**  
 a) has not yet been developed  
 b) was the Vedic language  
 c) was depicted through pictures and diagrams  
 d) None of these
- 133. Who were the immediate successors of the Mauryas in Magadha ?**  
 a) Kushans b) Pandyas  
 c) Satavahanas d) Sungas
- 134. Painting in the Mughal period was at its peak during the region of**

- a) Jahangir                      b) Akbar  
c) Shahjahan                    d) Aurangzeb
- 135. The Sultan who made a successful attempt free himself from the control of the ulem was**  
a) Balban                              b) Allauddin  
c) Firoz Shah                        d) Jalaluddin
- 136. The First Five Year Plan adopted the**  
a) Lewis - Fei model              b) Mahalanobis model  
c) Harrod Domar model          d) Keynesian model
- 137. Select disinvestment of public sector enterprises as an objective included to the first time in the**  
a) 4th plan    b) 7th plan    c) 8th plan    d) 9th plan
- 138. Use of energy requirements (calorie) as a measure of poverty in India was made for the first time by**  
a) Dandekar and Rath            b) Amartya Sen  
c) Planning Commission        d) T.N. Sreenivasan
- 139. 'NABARD' primary role is to**  
a) Provide term loans to Cooperatives  
b) Assist State Governments for the share capital contribution  
c) Act as a refinance institution  
d) All of the above
- 140. The Indian institution that has filed more patents than all the individual patents put together in India is**  
a) CSIR    b) ICAR    c) AIIM    d) DRDO
- 141. Which of the following agencies does not finance local bodies for infrastructural development ?**  
a) LIC            b) HUDCO    c) CRISIL    d) ILFS
- 142. Aggregate Measures of Support (AMS) in the context of WTO refers to the**  
a) Minimum support price guaranteed to the farmers  
b) Quantum of subsidy given to the agricultural sector  
c) Issue price of paddy-and wheat  
d) Insurance cover for crops
- 143. Trickle Down - cory of Development holds that**  
a) Global prosperity spreads to domestic economy  
b) Development spreads downward through more demand for labour  
c) Rate of growth of taxation is not related to economic growth rate  
d) None of the above
- 144. Discomfort Index is a / an**  
a) Combination of longevity and literacy  
b) Combination of standard of living and health indicators
- c) Index of cost of living  
d) Composition of annual inflation and unemployment rate
- 145. Corbett National park is in**  
a) Bihar                                      b) Madhya Pradesh  
c) Uttar Pradesh                        d) Himachal Pradesh
- 146. Which State produces the bulk of natural rubber produced in India ?**  
a) Tamil Nadu                            b) Karnataka  
c) Kerala                                    d) Andhra Pradesh
- 147. Which National Highway (NH) connects Agra and Mumbai ?**  
a) NH 1    b) NH 7    c) NH 3    d) NH 5
- 148. Which among the following, is the most abundant element in sea - water ?**  
a) Sodium    b) Chlorine    c) Iodine    d) Potassium
- 149. Which of the following major sea - ports of India does not have a natural harbour ?**  
a) Mumbai                                b) Cochin  
c) Marmagao                              d) Paradeep
- 150. Which of the following natural regions is known as the 'bread basket' of the world ?**  
a) The Steppe region  
b) The Mediterranean region  
c) The Monsoon region  
d) The Equatorial region

### ANSWERS

- |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 1) a   | 2) c   | 3) b   | 4) b   | 5) c   | 6) a   |
| 7) c   | 8) b   | 9) d   | 10) c  | 11) a  | 12) c  |
| 13) c  | 14) b  | 15) a  | 16) b  | 17) d  | 18) a  |
| 19) d  | 20) d  | 21) c  | 22) a  | 23) d  | 24) d  |
| 25) b  | 26) d  | 27) a  | 28) d  | 29) c  | 30) a  |
| 31) a  | 32) c  | 33) c  | 34) b  | 35) d  | 36) b  |
| 37) d  | 38) a  | 39) c  | 40) c  | 41) a  | 42) c  |
| 43) d  | 44) b  | 45) c  | 46) a  | 47) d  | 48) b  |
| 49) c  | 50) b  | 51) a  | 52) c  | 53) d  | 54) b  |
| 55) c  | 56) a  | 57) b  | 58) b  | 59) c  | 60) a  |
| 61) c  | 62) a  | 63) a  | 64) c  | 65) d  | 66) b  |
| 67) b  | 68) a  | 69) b  | 70) a  | 71) c  | 72) c  |
| 73) a  | 74) a  | 75) ?  | 76) b  | 77) a  | 78) c  |
| 79) b  | 80) d  | 81) c  | 82) c  | 83) c  | 84) a  |
| 85) a  | 86) a  | 87) d  | 88) d  | 89) b  | 80) b  |
| 91) c  | 92) a  | 93) a  | 94) c  | 95) c  | 96) a  |
| 97) b  | 98) c  | 99) b  | 100) c | 101) b | 102) d |
| 103) b | 104) b | 105) d | 106) d | 107) c | 108) d |
| 109) b | 110) b | 111) b | 112) a | 113) b | 114) a |
| 115) b | 116) a | 117) b | 118) a | 119) c | 120) a |
| 121) b | 122) a | 123) a | 124) d | 125) a | 126) a |
| 127) b | 128) d | 129) d | 130) d | 131) a | 132) c |
| 133) d | 134) a | 135) a | 136) c | 137) c | 138) a |
| 139) c | 140) a | 141) c | 142) b | 143) b | 144) d |
| 145) c | 146) c | 147) c | 148) c | 149) a | 150) a |



**GROUP - II PRELIMINARY EXAMINATION  
GENERAL STUDIES & MENTAL ABILITY - 2002**

1. Which of the following Telugu Newspaper is celebrating its centenary this year  
a) Andhra Patrika      b) Andhra Prabha  
c) Krishna Patrika      d) Andhra Boomi
2. Who of the following was elected as the Prime Minister of France in may - 2002  
a) Phillippe douste - Blazy  
b) Jacques Chirac  
c) Jean Pierre Raffarin      d) Nicholas Sarkozy
3. Who among the following defeated the seven times champion, Stephen Hendry and won the World Snooker little in a dramatic final at the crucible, shuffled on may 6, 2002  
a) Rivaldo      b) Geoff Hurst  
c) John Neaskens      d) Peter Ebdon
4. Which of the following countries had civil election recently, int he first week of may 2002, after a gap of 50 years.  
a) Saudi Arabia      b) Bahrain  
c) Kuwait      d) Iraq
5. Which of the following is the venue for the Asian Athletic Grand Prix - 2002  
a) Tokyo      b) Mumbai  
c) Hyderabad      d) Singapore
6. Who among the following Was appointed as chief justice of India on may 6, 2002  
a) Justice G. B. Patnaik      b) Justice V. N. Khare  
c) Justice S. P. Baroocha  
d) Justice Bhupendera Nath Kripal
7. Who played the lead role in "A Beautiful men" this year's Oscar winner for the Best film  
a) Richard Hanshna      b) Russell Crowe  
c) John Nash      d) Ron Howard
8. Who among the following was appointed vice-chancellor of potti Sriramulu telugu univer- sity inmay - 2002  
a) Prof. Pervaram Jagannadham  
b) Prof. N. Gopi      c) Prof. G. V. Subramanyam  
d) Prof. E. Siva reddy
9. In which of the following European countries was the first statue of Mahatma Gandhi in- stalled in may - 2002 in one of the University Libraries ?  
a) Slovakia      b) Poland      c) Austria      d) Hungary
10. Abdul Gani Lone, a key leader in Kashmir politics, was assassinated in the third weak of may - 2002. He was associated with  
a) Hizbul Mujahideem      b) Hurriyat Conference  
c) Rasm - i - charam      d) Shiv Sena
11. Which of the following films was not an entry at the cannes international film festival, held during may 2002 ?  
a) The pianist      b) The man without a past  
c) Devdas      d) Hum Aapke Hain Kaun
12. Which of the following is the latest addition to the cellular phone service provides in Andhra Pradesh, inaugurated by Chandrababu Naidu onMay 24, 2002 ?  
a) Motorola      b) Tata  
c) Hutchisen Essar      d) Airtel
13. Who was adjudged 'the man of the match' in the fourth test against West Indies at St. John's in Antigua in May - 2002 ?  
a) Anil Kumble      b) Ajay Ratra  
c) V.V.S Laxman      d) Javagal Srinath
14. Where was the 3rd International Indian Film Academy Awards held on April 6, 2002 ?  
a) New Delhi      b) Sydney  
c) Kuala Lumpur      d) new York
15. Dhalal Falag Al - Azmi was in the news re- cently eloping with her lover to Indian and later marrying him with the blessings of Ms. jaya lalitha, the Tamil Nadu Chief Minister. She belongs to  
a) Kuwait      b) Saudi Arabia  
c) Iran      d) Iraq
16. The President of Venezuela, who was recently removed from his office ina military coup decat, was dramatically sworn in again as president within two days of his abduction. Who is he ?  
a) Diosdado Cabello      b) Gusmao  
c) Hugo Chaver      d) Francisco Xavier
17. To whom did the then President K. R. Narayanan present the prestigious 'Dr. Ambedkar International Award for social change" on April 14, 2002 at a function at Rashtrapathi Bhawan ?  
a) Rajendra Singh  
b) Remy Fernand Claude Sattore Bonhomme  
c) Paramita howmik  
d) Muralidhar Devidas Amte
18. The United Nations International Criminal Court was inaugurated on July 1, 2002. Which

- of the following Countries was vehemently opposing its establishment ?  
a) USA b) Russia c) Japan d) Bosnia
19. Which of the following Newspaper has bagged an unprecedented seven Pulitzer prizes this year for its stories of the September 11 terrorist attacks on the USA ?  
a) The Washington Post b) The Chicago Times  
c) The Asian News papers  
d) The New York Times
20. Who among the following was elected Chairman of CII (Confederation of Indian Industry) on April 27, 2002 ?  
a) Anand Mahindra b) Sanjiv Goenka  
c) Ashok Soota d) Vinod Mehta
21. Which of the following organisation was banned recently by Government of India under the provisions of the Prevention of Terrorism Act ?  
a) Hurriyat conference b) Al - Qaeda  
c) Hamas d) Fidayeen
22. Who among the following still remains Britain's Richest Asian, even after a fall in his wealth in April, 2002 ?  
a) Hinduja b) Swaraj Paul  
c) Laxmi Mittal d) Jasvinder Singh
23. A supersonic cruise missile, with a range of 2900km and with the capacity to fly upto a height of 14km at twice the speed of sound, was test - fired from the Orissa Coast on April 28, 2002. Its name is  
a) Brahmos b) Agni c) Trishul d) Vajra
24. The creator of the World's most famous and popular doll Barbie, died recently. Identify the creator from the following  
a) Alexander Laped b) Ruth Handler  
c) Rehavam Zeevi d) Gennady Zyuganov
25. What is cryotherapy?  
a) Treatment for indigestion  
b) Treatment for sinus  
c) Treatment for headaches  
d) Treatment using the application of extreme cold.
26. When a ball of ice floating in a water tank melts, the water level  
a) rises b) does not change  
c) decreases  
d) first increases and then decreases
27. Which of the following is used as a refrigerant in refrigerators?  
a) Liquid carbon dioxide b) Liquid nitrogen  
c) Liquid ammonia d) super-cooled water.
28. Cloves are obtained from  
a) leaves b) roots c) fruits d) flower buds
29. The fourth state of matter is  
a) Super fluid b) Super fluid  
c) Liquid crystals  
d) Small particles suspended in gas
30. The soft smooth feel of the skin with after shave lotion is due to the presence of  
a) Alcohol b) Menthol c) Glycerol d) Perfume
31. The celebrated Gayatri Mantra is contained in the  
a) Brihadaranyak Upanishad  
b) Samaveda  
c) Yajurveda d) Rigveda
32. Which of the following was truly revolutionary organisation during the struggle for Indian Independence and originated in Bengal?  
a) Anusheelan Samit b) Yugantar  
c) Abhinava Bharata d) Nava Bharata Society
33. Which of the following Pairs is wrongly matched ?  
a) Poverty and un-British rule of India - Dadabai Naoroji  
b) Unhappy India - B. G. Tilak  
c) Durgesh Nandini - Bankim Chandra  
d) Servants of India Society - G. K. Gokhale
34. The Musical instrument that acquired a prominent place during the Vijayanagara Empire was  
a) The Veena b) The mridangam  
c) The Tanbura d) Cymbals
35. Who was the earliest to make a mention of the forts in Andhra ?  
a) Kautilya b) Ashoka in his edicts  
c) Megasthenes d) Gautama
36. Who among the following was the author of Buddhacharitam ?  
a) Bhavabhoothi b) Bharavi  
c) Aswaghosha d) Kalidasa
37. Viharas and Stupas were built at Amaravati, Jaggiahpetta and Nagarjunakonda on the mortal remains of  
a) Nagarjuna b) Mahavira  
c) Gautama Buddha d) Gomateswara
38. Who was the founder of the Tuluva Dynasty?  
a) Vidyanaya b) Veera Narasimha  
c) Srikrishnadeva Raya d) Achutharaya
39. Which of the following are wrongly paired?  
a) Desabhakta - Konda Venkatappaiah  
b) Andhra Ratan - Duggirala Gopala Krishnaiah  
c) Andhra Kesari - Tanguturi Prakasham  
d) Desodharaka - Bhogaraju Pattabhi Seetaramaiah

40. Who was the first ruler to accept the subsidiary alliance introduced by Lord Wellesly?  
 a) The Maharaja of Jhansi  
 b) Hyder Ali of Mysore  
 c) The Nizam of Hyderabad  
 d) The Maharaja of Travancore - cochin
41. Who succeeded Guru Nanak as the second Guru of the Sikhs ?  
 a) Guru Angaal                      b) Guru Teg Bahadur  
 c) Guru Govind Singh              d) Guru Arjun Singh
42. Which of the following is the only sea fort built by chatrapati Shivaji ?  
 a) Kolhapur                              b) Sindhudurg  
 c) Malwa                                      d) Chitradurg
43. Who built the city fo jaipur and erected astronomical observatories at Delhi, Jaipur, banaras, Ujjain and Mathura ?  
 a) Sawai man Singh                  b) Raja Ranjit Sing  
 c) Akbar                                      d) Raja Jai Singh
44. Who was the commander - in - chief of Nizam's Hyderabad State during the police action ?  
 a) Sydney cotton  
 b) Major General J. N. Chowdhary  
 c) E/ Edroos  
 d) Walter Mankton
45. Who of the following started a monthly magazine, SATEEHITA BODHNI in Andhra in 1883.  
 a) Gurajada Venkata Appa Rao  
 b) Racheral Ramachandra Reddy  
 c) Kandukuri Veeresalingam  
 d) Kokkonda Venkatranam
46. Who was elected the first Chief Ministe of the popular ministry in the state of Hyderabad in 1952 ?  
 a) Madapati Hanumatha Rao  
 b) Burgula Ramakrishna Rao  
 c) Ravi Narayana Reddy  
 d) Konda Venkata Ranga Reddy
47. Who was Emperor Akbar's general who defeated Hemu in the second Battle of Panipat  
 a) Ammer kusro                      b) Raja Todermal  
 c) Bairman Khan                      d) Sher Shah Suri
48. During which dynasty's reign was Rajamahendri i.e., the present Rajamundry build ?  
 a) The Vishnukundins                  b) The Kalingas  
 c) The Vijayanagara Rulers  
 d) The Eastern Chalukyas
49. Who of the following had the title of Kakatirajya Staparacharya ?  
 a) Jayapa Senani                      b) Rudra Raja  
 c) Pinachoda                              d) Racheral Rudra
50. Under whose reign did the mughal school of painting reach its climax ?  
 a) Shah Jahan                              b) Babar  
 c) Jahangir                                      d) Akbar
51. To whom does the title Hindava Dharmodharaka belong ?  
 a) Balagangadhara Tilak  
 b) Chhatrapati Shivaji  
 c) Dayananda Saraswathi  
 d) Raja Rammohan Roy
52. Which of the following cities has been very vividly described in Vallabhamatyas kreedabhiramam ?  
 a) Amaravati                              b) Rajamahendravaram  
 c) Warangal                                      d) Pistapura (Pithapuram)
53. The French established their first trading settlement in Andhra in the year 1669 at  
 a) Yanam                                      b) Machilipatnam  
 c) Bhemunipatnam                      d) Kakinada
54. Who was the founder of the Asaj Jahi dynasty int he Deccan ?  
 a) Salarjung - I                              b) Nizam - ul - mulk  
 c) Nizam Ali                                      d) Asaf Jah Abdali
55. Which of the following was the publisher of the first Telugu Journal, Satyadoota ?  
 a) The Hindu Association of Madras  
 b) The Christian Association of Bellary  
 c) Vivkekavardhini Educational Society  
 d) Hyderabad State Congress
56. All the Satavahana inscriptions are in  
 a) Prakrit language and Brahmi script  
 b) Sanskrit language and Prakrit script  
 c) Brahmi language and Devanagari script  
 d) Brahmi language and Prakrit script
57. During the Kakatiya rule, the gold coins were known as  
 a) Podduga                                  b) Ruka                                  c) Mada                                  d) Visam
58. Whose court was adorned by Kavi Sarvabhousma Srinatha ?  
 a) Anapotha Reddy  
 b) Pedakomati Vemareddy  
 c) Prolaya Vemareddy                  d) Kataya Vemareddy
59. Who, among the following was the founder of the Home Rule League ?  
 a) Gopala Krishna Gokhale  
 b) Balagangadhar Tilak  
 c) Ishwarachandra Vidyasagar  
 d) Bipin Chandra Pal.
60. The wrong pair among the following is  
 a) Pingali Surana - kalapoomnodyam  
 b) Tenali Ramakrishna - Panduranga Mahatyam

- c) Ramaraja Bhushana - Prashavati Pradhumnam  
d) Madayagari Mallana - Rajashekara Charitam
61. **At Sea level, at what temperature on the Fahrenheit scale does water boil ?**  
a) 100 F    b) 96 F    c) 212 F    d) 174 F
62. **Insulin and estrogen are**  
a) Bacteria                      b) Fungi  
c) Hormones                      d) Pests
63. **Which mineral is also called 'rock cotton' ?**  
a) Coal    b) Jute    c) Iron    d) Asbestos
64. **Hippophobia is the fear of**  
a) Bulls                      b) Horses  
c) Elephants                      d) Camels
65. **Which of the following is the most widely used light source in the world ?**  
a) Tungsten - filament bulb    b) Fluorescent bulb  
c) Copper - filament bulb    d) Flood - light
66. **Which of the following gasses is also known as 'War gas' ?**  
a) Sulphur dioxide                      b) Tear gas  
c) Nitrogen                      d) Cooking gas
67. **Who of the following is the pioneer of the biggest and the most famous free internet e - mail service 'Hot mail' ?**  
a) Sam Pitroda                      b) Suhas Patil  
c) Sabeer Bhatia                      d) V. G. Soma Sekhar
68. **Botax is an injection associated with**  
a) plastic surgery                      b) cosmetic surgery  
c) open heart surgery                      d) brain tumour surgery
69. **What is the name given to the protein found in horns, nails, hairs, etc. ?**  
a) Keratin    b) Botox    c) Ratex    d) Cotex
70. **Which of the following animals' names means 'river horse' ?**  
a) Rhinoceros                      b) Crocodile  
c) Hippopotamus                      d) Blue whale
71. **'pewter', which is used to make jugs and statues is an alloy of**  
a) silver and copper                      b) zinc and copper  
c) silver and zinc                      d) lead and tin
72. **After a shower of rain, a rainbow is seen**  
a) Towards the sun                      b) Opposite the sun  
c) anywhere, irrespective of the position of the sun  
d) even in the absence of the sun
73. **Who of the following was instrumental in introducing "tele voice" a cheap and universal voice message system in India recently**  
a) Microsoft                      b) Infosys    c) Wipro  
d) Naveen Communications Inc
74. **Why do we use capacitors in an electric circuit ?**  
a) To step down voltage  
b) To step up voltage  
c) To same electric charge  
d) To produce electric charge
75. **Which of the following does not allow sound to travel through it ?**  
a) Vacuum    b) Air    c) Water    d) Steel
76. **Rhinovirus is the cause of**  
a) Chicken pox                      b) Small pox  
c) Common cold                      d) Encephalitis
77. **Which of the following is a true fruit ?**  
a) Apple                      b) Cashewnut  
c) Pineapple                      d) Coconut
78. **Where is the Central Rice Research Institute of India located ?**  
a) Kolkata                      b) Cuttack  
c) Bangalore                      d) Mysore
79. **Heavy drinkers of alcohol generally die of**  
a) Blood cancer                      b) Cirrhosis  
c) Liver or Stomach Cancer  
d) Weakening of heart muscles leading to cardiac arrest
80. **Bacteria can remain alive at Sub-zero temperatures for**  
a) a few weeks                      b) a few years  
c) up to 100 years                      d) more than 100 years
81. **What do you get if you mix butane and ethane?**  
a) Natural rubber                      b) Plastic  
c) Liquid petroleum gas    d) Gasoline
82. **From which of the following do we get most abundant quantities of iron ?**  
a) milk                      b) green vegetables  
c) eggs                      d) beans
83. **Which of the following is the purest form of water ?**  
a) Rainwater                      b) Heavy water  
c) Tap water                      d) Distilled water
84. **Which of the following gases can be used as domestic fuel ?**  
a) oxygen                      b) nitrogen  
c) methane                      d) hydrogen
85. **Who is the discoverer of the electron?**  
a) James Cheynev                      b) Robbie Williams  
c) J. J. Thompson  
d) Dr. A. P. J. Abdul Kalam
86. **Bombarding thorium with neutrons will result in the production of**  
a) Hard water                      b) hydrogen Sulphide  
c) uranium - 233                      d) None of the above
87. **'Azadiracta India' is the scientific name of**  
a) pipal    b) teak    c) neem    d) chill



88. What is the total number of cooperative societies functioning in Andhra Pradesh  
a) 46,000 b) 55,000 c) 12,000 d) 6,000
89. With which of the following titles were the Kakatiya kings adorned ?  
a) Maharaja b) Maharajadhi raja  
c) Mandaleswara d) Mahamandakeswara
90. How many Lok Sabha Constituencies are reserved for scheduled castes and Scheduled tribes in A. P.  
a) 6 b) 3 c) 9 d) 5
91. The Indian state leading in the Production of ginger is  
a) Tamil Nadu b) West Bengal  
c) Kerala d) Madhya Pradesh
92. The Indira Gandhi Canal in Rajasthan draws its water from the  
a) Ravi b) Chambal c) Sutlej d) Beas
93. Where is the headquarters of the North Eastern Railway ?  
a) Kolkata b) Gorakhpur  
c) New Jalpaiguri d) Guwahati
94. Where is the oldest oil refinery of India located ?  
a) Haldia b) Digboi c) Baracini d) Cochin
95. Which of the following is not a superfast train?  
a) Deccan queen express  
b) Satavahana express  
c) Sarvodaya express d) Konark express
96. Identify the wrong pair  
a) Onges - Andaman and nicobar Island  
b) Todas - kerala  
c) Santha's - West Bengal  
d) Khasis - Assam and Meghalaya
97. Which of the following languages does not belong to the indo - Aryan group of languages  
a) Bengali b) Kashmiri  
c) Malayalam d) Sindhi
98. Which of the following models was adopted by the first five year plan ?  
a) Lewis - fie model b) Mahalanobis model  
c) Harrod - Domar model  
d) Keynesian model
99. What is the chief source of political power in India ?  
a) The Constitution b) The people  
c) The Parliament d) The president
100. How many times has National Emergency been declared in India ?  
a) Only once b) Twice c) Three times  
d) It has never been declared so far
101. Under whose operation is the contingency fund in a state in India ?  
a) The Governor of the State  
b) The Finance Minister of the State  
c) The Chief Minister of the State  
d) The Council of Ministers of the State
102. On what basis are the citizens of India given the right to vote ?  
a) Age b) Education  
c) Property d) Duration of stay in India
103. Which of the following banks was the first to be managed by Indian ?  
a) Punjab National bank b) Oudh Bank  
c) Benaras State Bank  
d) Punjab and Sindh Bank
104. Who was the chairman of the 11<sup>th</sup> finance commission?  
a) Dr. Karan sing b) Dr. Raja Chellaiah  
c) Prof. Raja Chellaiah d) Pranab Mukherji
105. Which of the following states was the first to introduce the panchayati Raj System ?  
a) Gujarat b) Rajasthan  
c) Bihar d) Andhra Pradesh
106. Which among the following Articles of the Indian Constitution accorded special states to Jammu and Kashmir ?  
a) Article - 369 b) Article - 370  
c) Article - 211 d) Article - 191
107. The city which is going to host the 5th World Telugu Federation Conference during December 27 - 29, 2002 is  
a) Kuala Lumpur b) Singapore  
c) Bankok d) Manila
108. Xanana Gusmao became the President of East Timore, the newly Independent country on May 20, 2002. Who among the following become the first Prime Minister of that country?  
a) Francisco Guterrus b) Hugo Chaver  
c) Joseph Bonnano d) Mari Alkatari
109. The former Secretary - General of the Lok Sabha, S. L. Shakhdhar. Who died recently in May 2002, also served the country as.  
a) Comptroller and Auditor General of India  
b) Chief Election Commissioner  
c) Chief Vigilance Commissioner  
d) Indian High Commissioner in London
110. Which of the following ports was visited by US sides, the US warship from the legendary Seventh Fleet, on May 7, 2002 ?  
a) Visakhapatnam b) Chennai  
c) Koch d) Mumbai
111. The Oldest man (65 years) who has scaled amount everest did it is may 2002. He is  
a) Taniyasu Ishikawa b) Tamae Watanabe  
c) Pierce Brosnan d) Eric Simonson
112. In an important function in Hyderabad on May 19, 2002 an equally important book was released by the then vice-president, Krishnakant. What is the title of the book ?

- a) The separate Telangana movement  
 b) The Telangana peasant movement  
 c) The Saga of Hyderabad Liberation struggle in Indian's Freedom Movement  
 d) The history of Hyderabad State
- 113. The first united Nations children's Summit was held in the second week of 2002 at**  
 a) United nations Organization  
 b) Cairo c) Sydney d) Vienna
- 114. Which of the following airports was renamed as Vir Savarkar Airport on May 7, 2002 ?**  
 a) Cochin b) Port Blair  
 c) Nagpur d) Guwahati
- 115. Which of the following is not true about kaiji Azmi, who died recently ?**  
 a) He was famous Urdu Poet  
 b) He was a member of the Bharatiya Janata Party  
 c) He was a recipient of the Sahitya Academy Fellowship  
 d) He was the father of the cine - actress Shabana Azmi
- 116. The 234 years old John Murray, Britain's oldest Publishing firm was in the news recently. Which of the following it is true ?**  
 a) It was closed down  
 b) It has published the works of Darwin Jane Austen, etc.  
 c) It destroyed the unpublished diaries of Lord Byron  
 d) All the above are true
- 117. Who won this years best Actress Award in the Oscars ?**  
 a) Halle berry b) Erie Bonnet  
 c) Courteney cox d) Jonathan crawe
- 118. Miss - India 2002, who competed for the miss universe - 2002 little in San Juan, Puerto Rico, is**  
 a) Priyanka Chopra b) Neha Dhupia  
 c) Diya Mirza d) Rita Faria
- 119. The Indian, who was named by us US president, George W. Bush on May 10, 2002; as this years recipient of the US National medal for Technology, is**  
 a) Sabeer Bhatia b) Naveen Chowdhary  
 c) Arun Netravali d) Philip Kumar
- 120. Which of the following books was recently voted the best book of all times by 100 noted authors from 54 countries.**  
 a) Don Quixote b) Wuthering Heights  
 c) Crime and Punishment  
 d) Valmiki's Ramayana
- 121. The 19th century anti - British Movement of the Muslims in Andhra namely the Wahasi movement, was led by ?**  
 a) Kosim Razvi b) Ghulam Khan of Kurnool  
 c) Mubriz - ud - dowla d) Syed Ahmed Brailvi
- 122. When did the Saka era, the traditional Indian era to reckon time, start**  
 a) 78 AD b) 273 AD c) 660 AD d) 23 BC
- 123. Which of the following temples in Andhra Pradesh is the only temple to have two flag posts.**  
 a) Triupati-Tirumala - Sri Venkata Chalapati Temple  
 b) Simhachalam - Sri Narsimha Swami Temple  
 c) Yadagiri - Sri Laxminarshimha Temple  
 d) Sri Kurman - Sri Kurmanatha Temple
- 124. Which dynasty succeeded the Mauryan dynasty in ancient India ?**  
 a) Kushana b) Gupta  
 c) Sunga d) Satavahana
- 125. Which of the following works of the early period mentions Telugus ?**  
 a) Rigveda b) Arthasastra  
 c) Rajatarangini d) Itareya Brahmana
- 126. Who was the founder of the capital of Pataliputra in Imperial Magadha ?**  
 a) Bimbisara b) Ashoka  
 c) Ajatashatru d) Samudragupta
- 127. Where is the C. P. Brown Memorial Trust Library in Andhra Pradesh ?**  
 a) Rajamandri b) Kakinada  
 c) Cuddapha d) Ananthapur
- 128. In which year did the first passenger rail service between Bombay and Thane commence?**  
 a) 1853 b) 1874 c) 1891 d) 1847
- 129. There are seven export - processing zones in the country. The one located in Andhra Pradesh is at**  
 a) Kakinada b) Machilipatnam  
 c) Nellore d) Visakhapatname
- 130. Which of the following is the largest tribe in Andhra Pradesh ?**  
 a) Sugalis b) Koyas c) Chenchus d) Gonds
- 131. Korba coalfields are located in**  
 a) Madhya Pradesh b) Assam  
 c) Bihar d) Karnataka
- 132. Which of the following industries has been categorized as one among the 17 highly polluting industries in the country ?**  
 a) Chemicals b) fertilizers  
 c) steel d) cement
- 133. A money bill passed by the Lok Sabha can be delayed by the Rajya Sabha for a maximum period of**  
 a) One month b) 14 days  
 c) 10 days d) 15 days
- 134. Who among the following was the first Speaker of the Lok Sabha ?**

- a) Hukum Singh                      b) G. S. Dhillon  
c) Ganesh Vasudev Mavalanker  
d) Ananthasayanam Ayangar
- 135. What was the total number of the members of the Constituent Assembly of India when it re-assembled on October 31, 1947 ?**  
a) 299                      b) 284                      c) 340                      d) 320
- 136. As per the 35th Constitutional Amendment Act, 1974 sikkim was conferred the status of a / an.**  
a) Full fledged State in India  
b) Associate State in India  
c) Union Territory in India    d) Hill region in India
- 137. Which of the following does not impart the functioning of the federal system in India ?**  
a) Planning Commission  
b) National Development Council  
c) Emergency Provisions  
d) Fundamental Rights
- 138. Which group of two countries mentioned below comprises major exporters of Basmati rice ?**  
a) India and China                      b) India and Philippines  
c) India and Pakistan                      d) India and Bangladesh
- 139. Which of the following states has the largest number of old age homes ?**  
a) West Bengal                      b) Kerala  
c) Maharashtra                      d) Tamil Nadu
- 140. When was the first meeting of the Indian Parliament held ?**  
a) May 13, 1952                      b) June 18, 1950  
c) May 13, 1951                      d) June 18, 1948
- 141. Which of the following is Andhra Pradesh Government's Rural poverty Reduction programme ?**  
a) Andarana                      b) Velugu  
c) Deepam                      d) DWACRA
- 142. Who among the following served as the Vice - President of India twice ?**  
a) Dr. Zakir Hussain                      b) Dr. S. Radhakrishnan  
c) V. V. Giri                      d) R. Venkataraman
- 143. In a Cabinet system of Government like ours, the Prime Minister is described as primus inter pares, what does it mean ?**  
a) Chief                      b) Equal  
c) First among equals                      d) Last among equal
- 144. Which of the following writes, available in our Constitution, literally means "a command" ?**  
a) Habeas Corpus                      b) Mandamus  
c) Certiorari                      d) Quo warranto
- 145. Which of the following is not a basic feature of the Indian Constitution ?**  
a) Rule of Law                      b) Secularism  
c) Principle of free and fair elections  
d) Fundamental Rights

**146. The Andhra Pradesh Governments Apathbandhu Scheme is a / an**

- a) Welfare scheme for the physically disabled  
b) Security scheme for the girl - child  
c) Accident insurance scheme for people below the poverty line  
d) Scheme for urban employed youth
- 147. Where is Keoladeo Ghana National park located ?**  
a) Simililal in Orissa  
b) Bharathpur in Rajasthan  
c) Madumala in Tamil Nadu  
d) Sundarban's in Bengal

**148. In the entire world, India is the biggest exporter of**

- a) Toys                      b) Sugar  
c) Edible oil                      d) Gems and Jewelry

**149. In which city of India are the Victoria Terminus and churchgate Railway Stations located ?**

- a) Kolkata    b) Mumbai    c) Chennai    d) Delhi

**150. Which of the following is the highest hill station in Maharastra ?**

- a) Panchgani                      b) Mahabaleshwar  
c) Matheran                      d) Chikalhana

**ANSWERS**

- 1) c                      2) c                      3) d                      4) b                      5) c                      6) d  
7) b                      8) c                      9) b                      10) b                      11) d                      12) c  
13) b                      14) c                      15) a                      16) c                      17) b                      18) a  
19) d                      20) c                      21) b                      22) c                      23) a                      24) b  
25) d                      26) b                      27) c                      28) d                      29) b                      30) a  
31) d                      32) a                      33) b                      34) a                      35) c                      36) c  
37) c                      38) b                      39) d                      40) c                      41) a                      42) c  
43) d                      44) c                      45) c                      46) b                      47) c                      48) d  
49) d                      50) c                      51) b                      52) c                      53) b                      54) b  
55) b                      56) a                      57) c                      58) b                      59) b                      60) c  
61) c                      62) c                      63) d                      64) b                      65) a                      66) a  
67) c                      68) ?                      69) a                      70) c                      71) d                      72) b  
73) d                      74) c                      75) a                      76) c                      77) d                      78) b  
79) b                      80) d                      81) c                      82) b                      83) a                      84) c  
85) c                      86) c                      87) c                      88) d                      89) d                      80) c  
91) c                      92) c                      93) b                      94) b                      95) b                      96) b  
97) c                      98) c                      99) b                      100) c                      101) a                      102) a  
103) b                      104) c                      105) b                      106) b                      107) b                      108) d  
109) b                      110) c                      111) a                      112) c                      113) a                      114) b  
115) b                      116) d                      117) a                      118) b                      119) c                      120) a  
121) a                      122) a                      123) d                      124) c                      125) d                      126) c  
127) c                      128) a                      129) d                      130) a                      131) a                      132) a  
133) b                      134) c                      135) a                      136) b                      137) d                      138) c  
139) a                      140) a                      141) b                      142) b                      143) c                      144) b  
145) a                      146) c                      147) b                      148) d                      149) b                      150) b

**GROUP - II PRELIMINARY EXAMINATION  
GENERAL STUDIES & MENTAL ABILITY - 2000**

1. **What is the total number of Olympic gold medals won by Carl Lewis ?**  
a) 6      b) 7      c) 9      d) 13
2. **Who of the following has been UNO's Overall Representative in East Timor ?**  
a) Jamshed Market      b) Carlos Belo  
c) Jose Xanana      d) Hatukesi
3. **Who is generally known as "Germany's Shakespeare" ?**  
a) Hegel      b) Goethe      c) Durign      d) Mehring
4. **Which of the following books of Taslima Nasreen of Bangladesh was banned in August 1999 ?**  
a) Nusrat      b) Lazza  
c) Amar Meyebela      d) Sonar Kella
5. **The 1983 World Cup Cricket which was won by India involved India in eight matches. In all of these, how many "Man of the Match" awards were won by India ?**  
a) 3      b) 5      c) 8      d) 6
6. **Which of the following is a hereditary disease in human beings ?**  
a) Typhoid      b) Cancer  
c) Polio      d) Colour blindness
7. **Who of the following has been elected as the President of the UN General Assembly for its 54th session in September 1999 ?**  
a) Alexander Downer      b) Jose Romos Horta  
c) Theo-ben Gurirab      d) Didier Operti
8. **The term Exotic Flora refers to**  
a) Plant species native to India  
b) Ornamental plants growing in gardens  
c) Species of foreign origin introduced into India  
d) Plants growing in westlands
9. **Identify the odd one**  
a) Kiribati      b) Nauru      c) Tonga      d) Peru
10. **Who of the following established the famous Saraswati Mahal Library at Tanjavor ?**  
a) Maharaja Serfoji II  
b) Pratapsimha Rajah Bhosale Chatrapati  
c) Tulajendraraja Bhosale  
d) Rajah Muthaiah Chettiar of Chettinad
11. **The study of fruits and fruit cultivation is known as**  
a) Horticulture      b) Sericulture  
c) Fructo-culture      d) Pomology
12. **Which of the following works of Gunter Grass is about the city of Calcutta ?**  
a) The Tin Drum      b) The Flounder  
c) The Rat      d) Show your Tongue
13. **Soilless entivation of plants in a nutrient solution is called**  
a) Gree-house planhts      b) Hydroponics  
c) Tissue-culture plants      d) Hydrology
14. **Which one of the following is the oldest monument ?**  
a) Khajuraho      b) Ajanta Caves  
c) Mahabalipuram Temples  
d) Qutub Minar
15. **Who of the following has come to be known as Mr. Walkman' after the invention of the portable tape recorder ?**  
a) Nobuyuke Idei      b) Francis Fukuyama  
c) Akiro Morita      d) Nobuyuki Akimora
16. **Which of the following statements is true ?**  
a) Photosynthesis takes place in all green plants  
b) Photosynthesis occurs only in flowering plants  
c) Photosynthesis occurs in all plants  
d) Photosynthesis occurs in land plants only
17. **"Kalamandalam", a pioneer institution of performing arts is located in.**  
a) Andhra Pradesh      b) Tamil Nadu  
c) Keral      d) Karnataka
18. **Fruits contain sugar in the form of**  
a) Sucrose      b) Glucose  
c) Fructose      d) Hexose
19. **The festival of Gomateswara at Shravanabelagola in Karnataka, celebrated every 12 years, is known as**  
a) Mahakumbhabhishekam  
b) Mahamasthakabhishekam  
c) Mahaksheerabhishekam  
d) Mahaghruthabhishekam
20. **Who is the International President of Medicins Sans Frontiers which won the 1999 Nobel Peace Prize ?**  
a) Phillip Biberson      b) Richard Gephardt  
c) Frank Pallone      d) James Orbinsky
21. **The National Botanical Garden is located at**  
a) Lucknow      b) Mysore      c) Shimla      d) Calcutta
22. **Which of the following novels won the 1999 Booker Prize for frictional writing ?**  
a) Fasting, Fensting      b) Headlong  
c) Disagree  
d) The Autum of the Patriarch



- 23. Which of the following elements is not present in fertilisers ?**  
 a) Nitrogen                      b) Hydrogen  
 c) Chlorine                      d) Phosphorus
- 24. Which of the following states is the largest state, area - wise ?**  
 a) Uttar Pradesh              b) Andhra Pradesh  
 c) Madhya Pradesh          d) Maharashtra
- 25. Who of the following is also known as Sakyanum**  
 a) Vyasa                          b) Gouthama, the Buddha  
 c) Krishna Dwipayana      d) Visista
- 26. Biswanath Aggarwal won the 1999**  
 a) Jamnalal Bajaj award  
 b) World Food Prize  
 c) Pulitzer Award              d) Kalinga Prize
- 27. 'Root Canal Therapy' is related to the treatment of damaged**  
 a) tooth                          b) urinary tract  
 c) blood vessels              d) nails
- 28. Ants are found to be social creatures because they**  
 a) line in colonies              b) line in forests  
 c) have a language of their own  
 d) share food
- 29. The speed of sound will be highest in**  
 a) dry air at 0 C              b) dry air at 30 C  
 c) humid air at 0 C            d) humid air at 30 C
- 30. Which body in the solar system is the most volcanic and resembles the earth ?**  
 a) Saturn's moon, ke        b) Jupiter's moon, Io  
 c) The Moon                    d) Mars
- 31. Which of the following is a vitamin ?**  
 a) Insulin                        b) Adrenalin  
 c) Riboflavin                  d) Keratin
- 32. Who of the following was credited with the founding of Qawwali ?**  
 a) Shahajahan's daughter Jahanara  
 b) Gulbadan  
 c) Allauddin's son Khizr Khan  
 d) Amir Khusrau
- 33. The first scientist to see the cell under a microscope was**  
 a) Robert Hooke              b) A. V. Leeuwenhoek  
 c) T. Schwann                 d) M. Schleiden
- 34. We lose consciousness if blood flow to the brain is cut off for more than**  
 a) 2 seconds and above  
 b) 5 seconds and above  
 c) 15 to 20 seconds        d) 5 minutes
- 35. Who of the following is the inventor of the Sitar ?**  
 a) Bahadur Shah Zafar      b) Mohammad Shan  
 c) Mirza Babar                d) Amir Khusru
- 36. Which is regarded as a link between the living and the non-living ?**  
 a) Amoeba    b) Virus    c) Bacteria    d) RNA
- 37. Mr. Mike Moor who took charge as the chief of the WTO served earlier as the**  
 a) Prime Minister of the New Zealand  
 b) Swiss Ambassador to the United Kingdom  
 c) Finance Minister of England  
 d) USA's Permanent Representative in the UNO
- 38. Jyotirmoyee Sikdar was awarded the Rajiv Gandhi Khel Ratna Award on September 1, 1999. What is the value of the award ?**  
 a) Rupees 5 lakhs            b) Rupees 3 lakhs  
 c) Rupees 3 lakhs            d) Rupees 15 lakhs
- 39. Who of the following NRI's is the Chairman of the \$500 million Caparo Group of Companies in England ?**  
 a) Hinduja                      b) Swaraj Paul  
 c) Goenka                        d) Thaper
- 40. Pasteurization involves heating liquids or milk to**  
 a) 80 C for 30 minutes      b) 62 C for one hour  
 c) 62 C for 30 minutes      d) 80 C for one hour
- 41. The Slave king who plundered the Mahakali Temple at Ujjain was**  
 a) Mohammad Ghori        b) Qutbuddin Aibak  
 c) Mohammad Ghazni      d) Iltutmish
- 42. Who is the author of the great India treatise on arithmetic, Lilavati ?**  
 a) Bhaskara                      b) Aryabhatta  
 c) Brahmagupta                d) Laxmidhara
- 43. The VIII international Conference on Torture was held in September 1999 at**  
 a) London    b) Nairobi    c) Delhi      d) Brussels
- 44. Rabindranath Tagore is also known as Gurudev Who was the first to address him by that name ?**  
 a) Subhash Chandra Bose  
 b) Lokmanya Tilak  
 c) Gandhiji                      d) Sharat Babu
- 45. Razia Sultana, who ruled over Delhi for only four years in the early 13th century, was the daughter of**  
 a) Qutbuddin Aibak            b) Iltutmish  
 c) Allauddin Khiji            d) Ghiasuddin Balban
- 46. The indigenously built unmanned aircraft which was successfully test flown on September 29, 1999 from Chandipur - on - sea was**  
 a) Zojila                         b) Maruthi  
 c) Garuda                        d) Nishant

47. A woman's voice is shriller than a man's because it has  
 a) higher frequency      b) lower frequency  
 c) higher amplitude      d) lower amplitude
48. Honge tree whose oil is found to be useful in place of diesel by the scientist of IIS Bangalore, is known in Telugu as  
 a) Ganuga or Kanugu      b) Dirisana  
 c) Karanji      d) Punugu
49. Which of the following is a good conductor of heat and electricity  
 a) Diamond      b) Anthracite  
 c) Granite      d) Graphite
50. The Tamil classical heroine Kannagi is one of the central characters of the Sangam period's classic, namely  
 a) Silapadigaram      b) Manimekhalai  
 c) Sivaga Sindamani      d) Tirukkural
51. The 24th Amendment to the Indian Constitution was challenged in  
 a) Kesavananda Bharati Case  
 b) A. K. Gopalan Case  
 c) Minerva Mills Case  
 d) Shankari Prasad Case
52. Which of the following British women was in the news during September 1999 for her links with the KGB and is alleged to have passed on crucial information about the atom bomb to the former USSR ?  
 a) Lolita Motrokin      b) Mary Vic Allen  
 c) Melita Norwood      d) Lara Symonds
53. Which of the following school students from India turned out as the Global Topper in the World Astronomy Olympiad held in September 1999 at Crimea ?  
 a) Master Mayank Jha  
 b) Master Varun Bale Rao  
 c) Master Amarchandra  
 d) Master Ranchen Mathew
54. Who decides about the number of Judges in a High Court ?  
 a) The State Government  
 b) The President of India  
 c) The Government of the State concerned  
 d) The Parliament
55. Who of the following were the daughters of the Mughal emperor Shahjahan ?  
 a) Jahanara and Raiza      b) Razia and Gulbadan  
 c) Roshnara and Razia  
 d) Jahanara and Roshnara
56. Who suggested to Narendranath Dutta to change his name to Vivekananda ?  
 a) Maharaja of Khetri      b) Maharaja of Mysore  
 c) Ramakrishna Paramahansa  
 d) Bala Gangadhar Tilak
57. Portfolios are allocated to the various members of the Council of Ministers in a State by the  
 a) Governor, according to his discretion  
 b) Chief Minister  
 c) Governor, according to the opinion indicated by the members  
 d) Governor, after consulting the Chief Minister
58. Who of the following was elected to the Lok Sabha in 1999, for the tenth time consecutively?  
 a) Dr. Mohammad Koya      b) P. K. Muthukoya  
 c) Bhupesh Gupta      d) P. M. Sayeed
59. The Net National Product does not include  
 a) indirect business taxes  
 b) corporate income taxes  
 c) depreciation charges  
 d) the rental value of house owners
60. Which of the following is wrongly matched ?  
 a) Arvind Pande - SAIL  
 b) The Greater Common Good - Arundhati Roy  
 c) The Ground Beneath Her Feet - Khushwant Singh  
 d) The Tin Drum - Gunter Grass
61. The Ekambaranatha temple Kanchipuram was constructed by  
 a) Neyaks of Gangai      b) Sriranga III  
 c) Nandivarman Pallava      d) Sri Krishnadevaraya
62. The first newspaper from Madras was  
 a) Andhra Patrika      b) Madras Courier  
 c) The Hindu      d) The Mail
63. Which among the following is not a Kharif crop ?  
 a) Groundnut      b) Bajra  
 c) Maize      d) Gram
64. The first woollen mill was established at  
 a) Kanpur      b) Lucknow  
 c) Dhariwal      d) Srinagar
65. In which city is the Mass Rapid Transport System in operation ?  
 a) Mumbai      b) Calcutta      c) Delhi      d) Chennai
66. Which of the following principles is used in firing rockets ?  
 a) Boyle's law  
 b) Newton's 3rd law of motion  
 c) Kinetic theory of gas  
 d) Newton's law of gravitation
67. LPG (liquid petroleum gas) consists of

- a)  $C_4H_{10}$                       b)  $C_9H_{20}$   
c) Marsh gas                      d)  $C_6H_6$
- 68. Which of the following antibiotics is of bacterial origin ?**  
a) Pencillin                      b) Tetracycline  
c) Bacitracin                      d) Cephalosporin
- 69. Which of the following is a major cause for the failure of the W. T. O. Summit held recently at Seattle ?**  
a) Nuclear Weapons issue  
b) Labour and Environmental problems  
c) Fiscal Deficit problems  
d) Drugs and Narcotics issue
- 70. Who amongst the following like sea - weeds as food ?**  
a) Indians of the Eastern coast  
b) Indians of the Arabian coast  
c) The Japanese                      d) Bangladeshis
- 71. Solar cells are made from**  
a) Gold                      b) Silicon  
c) Silver                      d) Aluminium
- 72. In an oil well, oil, gas and water are found in the ascending order of**  
a) oil, water, gas                      b) water, gas, oil  
c) gas, oil, water                      d) water, oil, gas
- 73. Which of the following is an example of a riverine port ?**  
a) Paradeep    b) Calcutta    c) Kandla    d) Cochin
- 74. India's reserves of thorium are large. It is a principal source of**  
a) thermal power                      b) hydro - electricity  
c) nuclear energy  
d) both hydro and thermal electricity
- 75. Which of the following is regarded as the "Athens of Vijayanagar" ?**  
a) The present Nellore and Chittoor districts  
b) The present Bangalore, Kolar and Mysore districts  
c) Pandya territories  
d) The valley around the temple of Virupakhsa
- 76. Over the last ten years, the share of agriculture and allied activities in the national income has**  
a) shown no change                      b) declined  
c) gone up                      d) been fluctuating
- 77. Which of the following states has the longest coastline ?**  
a) Gujarat                      b) Maharashtra  
c) Kerala                      d) Orissa
- 78. Who is the propounder of the Laws of Electrolysis ?**  
a) Newton                      b) Faraday  
c) Helmholtz                      d) Einstein
- 79. Due to which of the following do leaves have the green colour ?**  
a) Sodium                      b) Potassium  
c) Magnesium                      d) Chlorine
- 80. Litmus paper is prepared from the extract of**  
a) Red Algae                      b) Lichens  
c) Gametophyte                      d) Fern Prothallus
- 81. Which of the following countries has been recently promised membership of the European Union ?**  
a) Turkey                      b) Iran  
c) Iraq                      d) Afghanistan
- 82. Who was the author of Jaimini Bharatam ?**  
a) Gona Buddha Reddy    b) Koravi Goparaju  
c) Pillalamarri Pinaveerabhadra Kavi  
d) Jaimini Maharshi
- 83. In India, bulk of the coal production comes from**  
a) Madhya Pradesh                      b) Maharashtra  
c) Bengal - Bihar                      d) Orissa
- 84. Which of the following is the oldest landform in India ?**  
a) The Himalayas                      b) The Vindhyas  
c) The Deccan                      d) The Aravallis
- 85. Melting point of ice**  
a) increases with increase in pressure  
b) decreases with increase in pressure  
c) is independent of pressure  
d) is proportionate to pressure
- 86. Enzymes are**  
a) acids    b) alcohol    c) proteins    d) carbons
- 87. The State of Orissa has recently been prone to cyclone because of**  
a) change in the direction of wind flow  
b) change in the ocean currents  
c) loss of fish population in the Bay of Bengal  
d) loss of coastal forests
- 88. What is the total number of countries in the United Nations Organisation at present ?**  
a) 185    b) 159    c) 188    d) 169
- 89. Which of the following was a princely state under the Madras Presidency ?**  
a) Bellary                      b) Chittoor  
c) Banganapalli                      d) Madanapalle
- 90. The Narora project, the 4th atomic power project in the country, is located in**  
a) Gujarat                      b) Rajasthan  
c) Tamil Nadu                      d) Uttar Pradesh
- 91. Which of the following ruling dynasties of Deccan patronised Buddhism ?**

- a) Satavahanas                      b) Ikshvakus  
c) Pallavas                              d) Chalukyas
- 92. Which of the following gods was mainly worship by Gupta rulers ?**  
a) Vishnu    b) Shiva    c) Varuna    d) Indra
- 93. Spraying DDT on crops pollutes**  
a) air and soil                      b) air, soil and water  
c) air only                              d) water and soil only
- 94. The gas which was leaked during the great gas tragedy of Bhopal was**  
a) ethylene                              b) methyl isocyanate  
c) mustard gas                      d) potassium isothiocyanate
- 95. The lowest priority area in Indian Five Year Plans hitherto has been**  
a) Agriculture                              b) Industry  
c) Power                                      d) Human Resources
- 96. Under which class does the Indian economy fall according to the criterion given by the UNO ?**  
a) High Income group    b) Middle Income group  
c) Low Income group  
d) Lower - Middle Income group
- 97. Pawan Hans is associated with**  
a) helicopter services    b) coastal shipping  
c) inland waterways    d) small aircraft
- 98. Which of the following rivers does not originate in the Western Ghats ?**  
a) Godavari                              b) Krishna  
c) Sharavati                              d) Mahanandi
- 99. The most important state which harness wind energy are**  
a) Orissa and Maharashtra  
b) Maharashtra and Kerala  
c) Gujarat and Maharashtra  
d) Gujarat and Tamil Nadu
- 100. The 12th Non-Aligned Meet held at Durban in 1998 endorsed the initiative taken by India, adopting a resolution relating to**  
a) demand for liquidation of nuclear weapons by the 5 major powers  
b) request for partial elimination of nuclear weapons by all the nuclear powers  
c) call for total abolition of nuclear weapons  
d) abolition of CTBT
- 101. Which of the following Acts of the Government of India made provision for the establishment of the Central Public Service Commission ?**  
a) 1880 Councils Act  
b) 1909 Government of India Act  
c) 1919 Government of India Act  
d) 1935 Government of India Act
- 102. The Ellora caves conspicuous for beautiful sculpture hewn off rocks depict the ideas and beliefs of**  
a) Brahmanism                              b) Buddhism  
c) Jainism  
d) Brahmanism, Buddhism and also Jainism
- 103. Who amongst the following rulers of Deccan founded the city of Hyderabad after the name of his mistress ?**  
a) Mohammad Adil Shah  
b) Ali Adil Shah                              c) Quli Qutub Shah  
d) Asaf Jah Nizam
- 104. Which one of the following historical building at Agra manifests the secular attitude of the ruler in very clear terms ?**  
a) Taj Mahal                              b) Agra Fort  
c) Akbar's tomb at Sikandra  
d) Fatehpur Sikri
- 105. The space shuttle Discovery which lifted off on 19. December 1999, was on a mission to**  
a) fix the gyroscope in space  
b) fix the Hubble telescope in space  
c) take photographs of stars  
d) take photographs of Mars
- 106. Who amongst the following put a ban on eating beef during the medieval times in India ?**  
a) Babur                                      b) Aurangzeb  
c) Akbar                                      d) Shahjahan
- 107. Which of the following cricketers has recently registered his fourth consecutive duck out in Australia and created a record of sorts?**  
a) Ajay Jadeja                              b) Kanitkar  
c) Anil Kumble                              d) Ajit Agarkar
- 108. Identify the odd one**  
a) Sreerama Jananam    b) Rajasekhar Charitam  
c) Keechaka Vadha    d) Gayopakhyanam
- 109. Who is the author of Humayun-namah who was also a daughter of Babur ?**  
a) Jahanara                              b) Maryam - uz - zamani  
c) Gulbadan                              d) Razia Sultana
- 110. The eight - year old youngest whiz-kid who created history recently in August, 1999 beating the Grandmaster John Nunn in chess, is**  
a) Wilson Kipketer                              b) David Howell  
c) Damien Martin                              d) Hezekiel Sepeng
- 111. Who coined the term W W W (World Wide Web)?**  
a) University of California at Los Angeles  
b) Videsh Sanchar Nigam Limited  
c) European Particle Research Laboratory  
d) Standard Research Centre



112. Whose of the following was the first ever judicial hanging by the British in India for accusing Warren Hastings of taking bribe ?  
 a) Nuncomar (Nanda Kumar)  
 b) Briod Dotta (Brijan Dutta)  
 c) Sokimayee Mookerji (Sukhomoy Mukherji)  
 d) Dara Shikoh
113. The representative of the British East India Company at the crowning ceremony of Chatrapati Shivaji on June 16, 1674 was  
 a) Lord Munro                      b) Julian Marlow  
 c) Henry Oxenden                d) Gaga Bhatt
114. Who is heading the Federation of Indian Chambers of Commerce and Industry (FICCI) now after its 72nd Annual Session held in November, 1999 ?  
 a) T. S. Raghavan                b) Sudhir Jalan  
 c) G. P. Goenka                 d) Rahul Bajaj
115. Sean Connery (of James Bond fame) who had been denied Knighthood by England two years ago has been awarded the honour now. Why was he denied the award earlier ?  
 a) Because of his Irish origins  
 b) Because of his support to Ulster rebels  
 c) Because of his Scottish nationalism  
 d) Because of his French origins
116. Fatehpur Sikri, the dram city constructed by Akbar near Agra had to be abandoned a decade after its construction because  
 a) of bad omens  
 b) the location was at central to his empire  
 c) of lack of water  
 d) of unbearable western winds
117. Who is considered the founder of Internet  
 a) Prof. Lenoard Kleinrock  
 b) Bill Gates  
 c) Ramalinge Raju of Satyam On - line  
 d) Peter Neumann
118. Who is the Poet Laureate of British at present?  
 a) Andrea Levy                    b) David Lodge  
 c) Eva Haffman                  d) Andrew Motion
119. Whose pioneering vision in 1909 has resulted in the establishment of the Indian Institute of Science at Bangalore ?  
 a) Sir C. V. Raman                b) Dr. H. J. Bhabha  
 c) Dr. Vikram Sarabhai  
 d) Jamshetji Nusserwanji Tata
120. Who of the following had a considerable presence in almost all the port towns in India until the Dutch, the French and the English arrived in India ?  
 a) The Spanish                    b) The Portuguese  
 c) The Danes                      d) The Greeks
121. Guru Gobind Sagar Lake is a part of the river  
 a) Beas    b) Indus    c) Sutlej    d) Jhelum
122. Diamond is an example for  
 a) ionic crystal                    b) covalent crystal  
 c) metallic crystal                d) molecular solid
123. In which place is the Indian Institute of Chemical Technology December, 1999 ?  
 a) Panama    b) Brazil    c) Mexico    d) Argentina
- 124.
125. Who of the following belonged to the Justice Party ?  
 a) Raja of Mysore                b) Raja of Cochin  
 c) Raja of Travancore - Cochin  
 d) Raja of panagal
126. Which of the following is not a function of the Reserve Bank of India ?  
 a) Controlling foreign exchange  
 b) Issue of currency notes  
 c) Banker's bank  
 d) Maintaining deposits from the public
127. The state which is not bisected by the Tropic of Cancer is  
 a) Gujarat    b) West Bengal    c) Orissa    d) Rajasthan
128. Who discovered the electromagnetic nature of light ?  
 a) Michael Faraday                b) young  
 c) Huygen                            d) Maxwell
129. Which of the following contains the same number of atoms as in one gram of carbon?  
 a) One gram of magnesium  
 b) Two grams of magnesium  
 c) One gram of sodium    d) Two grams of sodium
130. In which mineral is thorium present in large quantities ?  
 a) Bauxite    b) Hematite    c) Dolomite    d) Monazite
131. Conversion of heat into electrical can be done with  
 a) Transistor                        b) Thermocouple  
 c) Photocell                         d) Voltmeter
132. The Sharavati Hydel power Project harnesses the water power of  
 a) Gersoppa Falls                    b) Sivasmudram Falls  
 c) Papanasanam Falls            d) Courtalam Falls
133. Agricultural productivity of land in India is highest in the state of  
 a) Haryana                          b) Andhra Pradesh  
 c) Kerala                             d) Bihar

**134. The first meeting of the G-20 countries was held recently in**

- a) London b) Paris c) New Delhi d) Berlin

**135. What is a Polarograph ?**

- a) A graph showing current voltage  
b) An equipment to trace electro-active metals  
c) An equipment which gives 3 - dimensional view  
d) A triangular graph showing composition of a three - component system.

**136. Which of the following ports in India is a port used for exporting manganese ?**

- a) Visakhapatnam b) Paradeep  
c) Calcutta d) Mangalore

**137. One rupee currency notes in India are issued by**

- a) Reserve Bank of India  
b) Finance Commission c) Planning Commission  
d) Ministry of Finance, Govt. of India

**138. The atomic power plant which attained critical stage in December, 1999 is located at**

- a) Narora b) Kaiga c) Kakrapar d) Kalpakkam

**139. Rishikesh is famous for the production of**

- a) Fertilisers b) Antibiotics  
c) Photo film d) Woolen textiles

**140. Which of the following parts of the Indian Constitution contains the words "Liberty of thought, expression, belief, faith and worship"?**

- a) Fundamental Rights  
b) Directive Principles of State Policy  
c) Preamble d) Union Judiciary

**141. Which of the following are not mentioned in the Indian Constitution ?**

- a) Care - taker government  
b) Coalition government  
c) Care - taker government, Coalition government and Stable government  
d) Stable government

**142. Which of the following sources of ancient Indian history mentioned about social classes in India ?**

- a) Arthashastra b) Ashoka's Edicts  
c) Brihat Samhita d) Indica

**143. Which of the following causes the most severe burns ?**

- a) Boiling water b) Air at 100 C  
c) Sun rays d) None of the above

**144. Which rays are used for making C. T. Scan images ?**

- a) Radiographic rays b) Hydrogen ions  
c) Ultrasound waves d) X - rays

**145. The maximum strength of members in State Legislative Assemblies in India is fixed at**

- a) 350 b) 600 c) 750 d) 500

**146. Which of the following taxes is levied and collected by the Union Government but wholly assigned to the States ?**

- a) Taxes on railway fares and freight  
b) Stamp duties c) Sales tax  
d) Custom duties

**147. Which of the following banks was merged with the Punjab National Bank in 1993 ?**

- a) UCO Bank b) Indian Bank  
c) Vysya Bank Limited d) New Bank of India

**148. The most important trade partner for India is**

- a) European Economic Community  
b) Asia - Pacific Region  
c) North American Region d) CIS countries

**149. Who among the following was the Vice - President of the Indian Constituent Assembly ?**

- a) B. N. Raju b) H. C. Mookerjee  
c) Gopalakrishna Iyengar d) H. V. R. Iyengar

**150. Which of the following statements is true with regard to Public Interest Litigation (PIL)?**

- a) It is synonymous with Fundamental Rights  
b) It represents the spirit of the Directive Principles  
c) It is a judge - made Law  
d) It is an important provision in the Constitution

### ANSWERS

- |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 1) c   | 2) a   | 3) b   | 4) c   | 5) b   | 6) d   |
| 7) c   | 8) c   | 9) d   | 10) a  | 11) a  | 12) a  |
| 13) b  | 14) b  | 15) c  | 16) a  | 17) c  | 18) c  |
| 19) b  | 20) b  | 21) a  | 22) a  | 23) c  | 24) c  |
| 25) b  | 26) b  | 27) b  | 28) a  | 29) d  | 30) a  |
| 31) c  | 32) d  | 33) a  | 34) c  | 35) d  | 36) b  |
| 37) a  | 38) c  | 39) b  | 40) c  | 41) d  | 42) d  |
| 43) d  | 44) a  | 45) b  | 46) d  | 47) c  | 48) a  |
| 49) d  | 50) a  | 51) a  | 52) a  | 53) c  | 54) b  |
| 55) d  | 56) a  | 57) d  | 58) d  | 59) c  | 60) a  |
| 61) c  | 62) d  | 63) a  | 64) c  | 65) d  | 66) b  |
| 67) a  | 68) c  | 69) b  | 70) c  | 71) b  | 72) b  |
| 73) b  | 74) c  | 75) b  | 76) b  | 77) a  | 78) a  |
| 79) c  | 80) a  | 81) a  | 82) c  | 83) c  | 84) c  |
| 85) b  | 86) c  | 87) d  | 88) c  | 89) b  | 80) d  |
| 91) b  | 92) a  | 93) d  | 94) b  | 95) d  | 96) d  |
| 97) a  | 98) d  | 99) d  | 100) c | 101) c | 102) d |
| 103) c | 104) d | 105) c | 106) c | 107) a | 108) b |
| 109) c | 110) d | 111) d | 112) a | 113) c | 114) d |
| 115) c | 116) c | 117) d | 118) d | 119) d | 120) b |
| 121) c | 122) d | 123) b | 124) a | 125) d | 126) d |
| 127) c | 128) d | 129) a | 130) d | 131) c | 132) b |
| 133) a | 134) d | 135) b | 136) a | 137) d | 138) b |
| 139) b | 140) a | 141) c | 142) d | 143) b | 144) d |
| 145) d | 146) a | 147) d | 148) c | 149) b | 150) c |

**M. P. D. O PRELIMINARY EXAMINATION**  
**GENERAL STUDIES & MENTAL ABILITY - 1999**

1. **The Life Line Express, as hospital on rails, is owned by**
  - a) Sri Ramakrishna Math
  - b) Gandhi peace Foundation
  - c) The Impact India Foundation
  - d) Rajiv Gandhi Foundation
2. **What is the length of India's coast - line ?**
  - a) 4600 miles
  - b) 3535 miles
  - c) 2630 miles
  - d) 3200 miles
3. **Identity the odd one**
  - a) Nagarjuna Sagar
  - b) Srisailem Project
  - c) Damodar Valley Project
  - d) Sri Ram Sagar Project
4. **Which is the largest castor producing country in the world ?**
  - a) China
  - b) India
  - c) Bangladesh
  - d) Pakistan
5. **The largest number of Scheduled Tribes are present in**
  - a) Mizoram
  - b) Nagaland
  - c) Meghalaya
  - d) Assam
6. **As per the 1991 census, how many metropolitan cities are there in India ?**
  - a) 60
  - b) 6
  - c) 14
  - d) 23
7. **Which PIN code is applicable to Andaman and Nicobar Islands ?**
  - a) 4
  - b) 5
  - c) 7
  - d) 2
8. **Calcutta Airport has been renamed as**
  - a) Ishwar Chandra Vidyasagar International Airport
  - b) Subhash Chandra Bose International Airport
  - c) Rabindranath Tagor International Airport
  - d) Nazrul Islam International Airport
9. **Which of the following oil-seeds is produced most in India ?**
  - a) Sesamum
  - b) Mustard
  - c) Groundnut
  - d) Soyabean
10. **Which is the native land of the Pigmies ?**
  - a) Congo
  - b) Morocco
  - c) Ghana
  - d) Botswana
11. **Which of the following is related to restructuring and modernisation of Industries in India ?**
  - a) NABARD
  - b) The National Renewal Fund
  - c) Sick Industrial Companies Act
  - d) The Rangarajan committee
12. **Which of the following suggested a new definition of fiscal deficit ?**
  - a) Raja Chelliah Committee
  - b) Chakravarthy Committee
  - c) Rekhi Committee
  - d) Rangarajan Committee
13. **What was the ratio between indirect and direct taxes in India as per the 1998 - 99 budget?**
  - a) 75 : 25
  - b) 70 : 30
  - c) 60 : 40
  - d) 66 : 33
14. **Which country accounts for the largest share of Indian exports ?**
  - a) USA
  - b) UK
  - c) UAE
  - d) Japan
15. **What was the total amount disclosed under VDIS 1997 ?**
  - a) Rs. 12,000 crores
  - b) Rs. 82,530 crores
  - c) Rs. 38,650 crores
  - d) Rs. 33,000 crores
16. **What is the total investment envisaged by the Ninth Five Year Plan ?**
  - a) Rs. 18,000 crores
  - b) Rs. 2,005 crores
  - c) Rs. 7,60,000 crores
  - d) Rs. 2,205,000 crores
17. **Which unit of valuation is known as 'paper gold' ?**
  - a) Euro - dollar
  - b) Petro - dollar
  - c) Special Drawing Rights
  - d) General Drawing Rights
18. **Which of the following periods was declared as a 'Plan Holidays' ?**
  - a) 1965 - 68
  - b) 1966 - 69
  - c) 1967 - 70
  - d) 1978 - 80
19. **Which of the following models was adopted by the First Five Year Plan ?**
  - a) Lewis - Fei Model
  - b) Mahalanob Model
  - c) Harrod Domar Model
  - d) Keynesian Model
20. **Who of the following are the authors of the concept of "poverty line" ?**
  - a) Amartya Sen and Jagdish Bhagavathi
  - b) Dandekar and N. Rath
  - c) The Planning commission
  - d) T. N. Srinivasan and B. S. Minhas
21. **The state which has the lowest percentage of persons below the poverty line is**
  - a) Kerala
  - b) Maharashtra
  - c) Punjab
  - d) Gujarat
22. **What is the contribution of agriculture to the GDP in India at present**
  - a) 42%
  - b) 28%
  - c) 17%
  - d) 57%

23. Which of the following is not a Central Government tax ?  
 a) Income tax                      b) Customs duties  
 c) Land revenue                    d) Corporation tax
24. National highway No. 1 connects  
 a) Delhi - Calcutta                b) Delhi - Mumbai  
 c) Delhi - Srinagar                d) Delhi - Amritsar
25. Champakara Canal and Udyogmandak Canal which have been declared as national waterways are located in  
 a) Kerala                              b) Meghalaya  
 c) Assam                                d) West Bengal
26. How many islands are there within the territorial limits of India ?  
 a) 43                                  b) 247                                  c) 204                                  d) 600
27. Which is the headquarters of the Tobacco Board ?  
 a) Indore                              b) Pune                                c) Guntur                              d) Bangalore
28. Almost the entire coffee growth in India comes from  
 a) North India                        b) Western India  
 c) South India                         d) Central India
29. People of Mongoloid stock living in the north - eastern parts of India are known as  
 a) Badagas                            b) Onges                                c) Santhals                            d) Abhors
30. Where is the Bandipur National Park located?  
 a) Rajasthan                         b) Andhra Pradesh  
 c) Assam                                d) Karnataka
31. The M. A. Thomas National Human Rights Awards for 1999 was announced for  
 a) Gayatri Devi                        b) Medha patkar  
 c) Jabbar Patel  
 d) Narmada achao ndolan (NBA)
32. Who of the following is the richest person in the world ?  
 a) Warren Buffet                      b) Hasham Premji  
 c) Bill Gates                            d) Ratan Tata
33. The Kargil operation is named as  
 a) Operation Snow Fox                b) Operation Blue Star  
 c) Operation Vijay                      d) Operation Victory
34. Who of the following was awarded Param Vir Chakra on 15 August, 1999 ?  
 a) Capt. Sanjit Singh                    b) Major Saxena  
 c) Capt. Vikram Batra                    d) Capt. Sumeet Roy
35. The 1999 Miss Universe Mpule Kwelagobe belongs to  
 a) South Africa                        b) Botswana  
 c) Namibia                              d) Chile
36. Who fo the following is the first ethnic Indian to be elected Prime Minister of Fiji ?  
 a) Mahendra Choundhry                b) Ram Naik Biswal  
 c) K. P. Battarai                         d) Kamal Pandey
37. Who of the following has been indicated recently for war crimes ?  
 a) Olusegun Obasanjo                b) Slobodan Milsoevic  
 c) Saddam, Hussain                    d) General Suharlo
38. From which of the following countries did India import sugar during July 1998 - January 1999 ?  
 a) Myanmar                            b) Pakistan  
 c) Nepal                                 d) Russia
39. Which of the following cities is known as Cyber City and Aerospace Capital ?  
 a) Chennai                              b) Ahmedabad  
 c) Bangalore                            d) Thiruvananthapuram
40. Kofi Annan, The General Secretary of UNO, belongs to  
 a) Nigeria                                b) South Africa  
 c) Kenya                                d) Ghana
41. Which of the following countries has not signed the CTBT ?  
 a) Switzerland                         b) Israel  
 c) USA                                    d) Germany
42. Who served as the Manager of India's World Cup 1999 Cricket Team ?  
 a) Brijesh patel                         b) Anshuman Gaikwad  
 c) Madan Lal                             d) Venkataraghavan
43. Which of the following Indian movies was an entry at the 1999 Cannes International Film Festival ?  
 a) Ek Hazar Chourasi Ki Ma  
 b) Elizabeth                              c) Dil Se  
 d) Vanaprasthan
44. Which of the following Islamic countries provided the right to vote to women recently ?  
 a) Saudi Arabia                        b) Iraq  
 c) Kuwait                                d) Iran
45. Who was awarded the 1999 International Impac - Dublin Award for literature ?  
 a) Ken Sare Wiwa                        b) Andrew Miller  
 c) Ian Barber                            d) Keith vaz
46. Identify the odd one.  
 a) Peter England                        b) Arrow  
 c) Van Heusen                         d) Levis
47. Which of the following is the highest literary award in the world in terms of money value ?  
 a) Nobel Prize  
 b) International Impac - Dublin Award  
 c) Templeton Award                    d) Magsaysay Award
48. Who was sworn in as the first woman Prime Minister of New Zealand ?  
 a) Kelwin Mackenzie                    b) Kiwi Spencer  
 c) Jim Bolger                            d) Jenny Shipley



49. The founder of the Islamic Resistance Movement called HAMAS is  
 a) Sheikh Ahmed Yassin b) Khaled Meshal  
 c) Fatih Shquaqi d) Yahya Ayyagh
50. Which of the following universities conferred an honorary doctorate on our President, K. R. Narayanan ?  
 a) University of Singapore (Singapore)  
 b) University of Berlin (Germany)  
 c) University of San Francisco (USA)  
 d) University of San Marcos (Peru)
51. How many different kinds of nuclear devices were tested at Pokhran on 11 May, 1998 ?  
 a) Only one kind b) 5 kinds  
 c) 3 kinds d) 7 kinds
52. The Director - General of Defence Research and Development Organisation is  
 a) C. N. R. Rao b) V. Srinivasan  
 c) A. P. J. Abdul kalam d) Brijesh Sharma
53. Who is the youngest woman tennis player in the world who has won a Grand Slam title so far in the 20th century ?  
 a) Steffi Graf b) Martina Hingis  
 c) Martina Navratilova d) Monica Seles
54. Which of the following is the autobiography of Dr. A. P. J. Abdul Kalam /  
 a) Wings of Fire b) My Story  
 c) The Golden Breath d) The Rebel
55. The World Cup cricket matches which were held in England during May - June 1999 were the  
 a) 7th in a row b) 9th in a row  
 c) 8th in a row d) 5th in a row
56. 'Esteem' is the brand name of a small car produced by  
 a) Tata b) Hyundia  
 c) Maruti - Suzuki d) Hindustan Motors
57. Who of the following served as the captain of the Indian cricket teams in the first two World Cup tournaments ?  
 a) Sunil Gavaskar b) Kapil Dev  
 c) Krishnamachari Srikanth  
 d) S. Venkataraghavan
58. Who of the following was appointed the personal envoy of the UN High Commission for Human Rights to Indonesia ?  
 a) Brijesh Sharma b) Soli Sorabjee  
 c) Arun Shourie d) Mani Shankar Iyer
59. Major Dr. R. R. Tukral, who won the prestigious B. C. Roy National Award for 1999 is a / an  
 a) Space Scientist b) ENT specialist  
 c) Cardiologist d) Nuclear scientist
60. Who of the following became the first Prime Minister of Scotland in May 1999 ?  
 a) Donald Dewer b) Mike Moore  
 c) Nihal Rodrigo d) Javior Solana
61. By which of the following modes are the present day communications carried on?  
 a) Radio waves b) Telephones  
 c) Microwave d) Fax
62. Galvanised iron sheets used for making buckets, water containers, etc., are coated with  
 a) Copper b) Tin  
 c) Zinc d) Aluminium
63. Which of the following is India's first nuclear propelled submarine inducted into the Indian Navy ?  
 a) INS Godavari b) INS Chakra  
 c) INS Jalakanya d) INS Virat
64. The Indian astronomer Aryabhata lived during the period of  
 a) Ashoka b) Harsha  
 c) Kanishka d) Chandragupta Vikramaditya
65. What is the name of the first indigenously built missile boat ?  
 a) Maitri b) Chitra c) Gangotri d) Vibhuti
66. Which of the following is India's long range missile ?  
 a) Agni b) Trishul c) Naag d) Prithvi
67. Nights are cooler in the deserts because  
 a) sand radiates heat less quickly compared to the earth  
 b) sand radiates heat more quickly compared to the earth  
 c) the sky is generally clear in the deserts  
 d) the weather is dry during nights in the deserts
68. Which of the following colour is not present in the rainbow ?  
 a) Violet b) Blue c) Orange d) Brown
69. The first Indian scientist who was awarded the FRS was  
 a) Homi Bhabha b) C. N. R. Rao  
 c) Meghnath Saha d) A. P.J. Abdul Kalam
70. At which point are days and nights equal ?  
 a) The Tropics b) The Equator  
 c) The Antarctica d) The Poles
71. Who built the Super Computer Param - 1000?  
 a) Electronics Corporation of India, Hyderabad  
 b) Indian Institute of Science, Bangalore  
 c) Indian Institute of Technology, Bombay  
 d) Nuclear Science Centre, Delhi
72. Which of the following is the Indian satellite

- recently launched exclusively for the purpose of communication ?  
 a) INSAT - 2D                      b) INSAT - 2E  
 c) INSAT - 1C                      d) INSAT - 2C
73. The three basic colours in television are  
 a) Red, Green, Blue              b) Red, Pink, Yellow  
 c) Blue, Green, Yellow          d) Red, Green, Yellow
74. The speed at which the earth revolves around the sun is  
 a) 800 km per minute          b) 1000 km per minute  
 c) 1400 km per minute  
 d) more than 1600 km per minute
75. Where was the Technology Park inaugurated in India last year ?  
 a) Hyderabad                      b) Mumbai  
 c) Bangalore                      d) Chennai
76. Sound waves cannot travel in  
 a) Water                      b) vacuum                      c) oil                      d) solid
77. Where in India is the satellite master control station situated ?  
 a) Bangalore                      b) Hassan  
 c) Hyderabad                      d) Kalpakkam
78. Which is the largest planet in the Solar System ?  
 a) Jupiter                      b) Mercury                      c) Saturn                      d) Venus
79. Which of the following is a rich source of carbohydrates ?  
 a) Sugar                      b) Milk  
 c) Soyabean                      d) Groundnut
80. Which of the following is known as the 'Silent Killer' ?  
 a) Heart attack                      b) Malaria  
 c) Tuberculosis  
 d) Hypertension or Blood pressure
81. The age of plant and animal fossils is measured by  
 a) Ammonia dating                      b) Sulphur dating  
 c) Carbon dating                      d) Uranium dating
82. Which of the following are water - soluble vitamins ?  
 a) A and B                      b) B and C                      c) C and D                      d) D and K
83. Jaundice is the result of the malfunctioning of  
 a) Liver                      b) Kidneys                      c) Lungs                      d) Heart
84. Which of the following has the lowest alcohol content ?  
 a) Beer                      b) Vodka                      c) Wine                      d) Gin
85. Which of the following firms is producing the first indigenous vaccine for Hepatitis - B ?  
 a) Parke - Devis, Mumbai                      b) Sandoz, Mumbai  
 c) Dr. Reddy's Labs, Hyderabad  
 d) Shanta bio - technics, Hyderabad
86. Which of the following is most important for the growth of children up to the age of 14 years?  
 a) Proteins                      b) Vitamins                      c) Fats                      d) Milk
87. Bacteria can remain alive at sub-zero temperature for a period of  
 a) a few weeks                      b) a few years  
 c) upto 100 years                      d) more than 1000 years
88. Paraffin used for making candles is obtained from  
 a) Coal                      b) Petroleum  
 c) Sea weeds                      d) Rubber plant
89. Talc in talcum powder is a compound of  
 a) Carbon                      b) Calcium                      c) Silicon                      d) Sulphur
90. In the computer lexicon, information printed on paper is known as  
 a) Smooth copy                      b) Real copy  
 c) File                      d) Hard copy
91. Which of the following is not a joint parliamentary committee ?  
 a) Public Accounts Committee  
 b) Committee on Public Undertakings  
 c) Estimates Committee  
 d) Committee on Welfare of SCs and STs
92. As per the Indian Constitution, between two sessions of the Parliament there should not be a gap of more than  
 a) 6 months                      b) one year  
 c) 3 months                      d) 4 months
93. Who can delimit the territorial constituencies for Lok Sabha elections ?  
 a) The President of India                      b) The Parliament  
 c) The Supreme Court  
 d) The Election Commission
94. What is the quorum for the Lok Sabha and Rajya Sabha for conducting their proceedings?  
 a) 1 / 5 of the members  
 b) 1 / 6 of the members                      c) 1 / 3 of the members  
 d) 1 / 10 of the members
95. Who is the highest in rank among the civil servants in India ?  
 a) Secretary General of the Lok Sabha  
 b) Union Cabinet Secretary  
 c) Secretary to the Prime Minister  
 d) Secretary to the President of India
96. What is the tenure of the Comptroller and Auditor General of India ?  
 a) 5 years                      b) 6 years                      c) 7 years                      d) 4 years
97. Which of the following committees has recommended Mandal panchayat system ?



- 118. Who was the Chairman of the Tenth Finance Commission constituted in June 1992 ?**  
 a) Pranab Mukherji      b) K. C. Pant  
 c) K. Brahmananda Reddy  
 d) N. K. P. Salve
- 119. The Union, State and Concurrent powers are distributed as**  
 a) 99 : 64 : 43                      b) 92 : 69 : 54  
 c) 97 : 66 : 47                      d) 94 : 65 : 47
- 120. The India federal system is modelled on the federal system to**  
 a) Canada                              b) USA  
 c) Australia                          d) New Zealand
- 121. Who was the founder of 'The Royal Asiatic Society' ?**  
 a) Sir John Munro                  b) Sir William Jones  
 c) Sir Robert Clive                d) Sir Thomas Munro
- 122. Who introduced the Vernacular Press Act?**  
 a) Lord Wellesley                  b) Lord Rippon  
 c) Lord Lytton                      d) Lord Minto
- 123. Raja Ram Mohan Roy is considered the**  
 a) rising sun of Indian renaissance  
 b) pole star of Indian renaissance  
 c) morning star of Indian renaissance  
 d) pioneer of Indian renaissance
- 124. Keshab Chandra Sen was the founder of**  
 a) Prarthana Samaj                b) Yugantar  
 c) Brahmo Samaj  
 d) Servants of India Society
- 125. Sir Syed Ahmed Khan was the founder of**  
 a) All India Muslim League  
 b) The Aligarh Movement  
 c) The Lucknow Pact  
 d) The Gwalior Movement
- 126. What is 'New India' ?**  
 a) A radical students organisation established by Indian students in England  
 b) The official publication of the Swatantra Party  
 c) The official publication of the Theosophical Society  
 d) The official publication of the CPI in the early days of its establishment
- 127. Whose publication is Hitabodhini ?**  
 a) Gurujada Venkata Apparao  
 b) Ishwar Chandra Vidyasagar  
 c) Kandukuri Veeresalingam Pantulu  
 d) Keshab Chandra Sen
- 128. Which of the following led to the Swadeshi movement ?**  
 a) Partition of Bengal  
 b) Jallianwalla Bagh Massacre  
 c) Passing of the Rowlatt Act  
 d) Chauri - Choura incidents
- 129. Who served as the Chairman of the Reforms Enquiry Committee of 1924 ?**  
 a) Lord Cheimsford                b) Alexander Muddiman  
 c) Lord Mayo                        d) Lord Montague
- 130. Who presided over the First Round Table Conference ?**  
 a) John Simon                        b) Winston Churchill  
 c) Clement Attlee  
 d) Sir Ramsay Macdonald
- 131. The Hyderabad State Congress was founded in the year**  
 a) 1885      b) 1938      c) 1905      d) 1928
- 132. The Justice Party was basically**  
 a) Harijan party                      b) a pro-Brahmin party  
 c) an anti-Brahmin party  
 d) an upper class party
- 133. Who was the founder of the Swaraj Party ?**  
 a) Mahadev Govind Ranade  
 b) Balagangadhar Tilak  
 c) Gopalakrishna Gokhale  
 d) Chittaranjan Das
- 134. The first state formed on the basis of language is**  
 a) Andhra Pradesh                  b) Kerala  
 c) Orissa                              d) Maharashtra
- 135. Identify the odd item**  
 a) Theyyam                          b) Mohiniyattam  
 c) Kathakali                        d) Bharatanatyam
- 136. In the Constituent Assembly, who served as the Chairman of the Committee on Fundamental Rights ?**  
 a) Sir Ramaswami Mudaliar  
 b) Jawaharlal Nehru  
 c) Motilal Nehru  
 d) Sardar Vallabhbhai Patel
- 137. Where and when was the Home Rule League established by Annie Besant ?**  
 a) September 1916 at Benares  
 b) January 1914 at Delhi  
 c) September 1916 at Madras  
 d) January 1915 at Calcutta
- 138. With which of the following dance is Kelucharan Mahapatra associated ?**  
 a) Bharatanatyam                  b) Kathakali  
 c) Manipuri                          d) Odissi
- 139. What was the earlier name of the Guru Govind Singh University at Delhi ?**  
 a) Delhi University  
 b) Indian Institute of Technology



- c) Rohikhand University  
d) Indraprastha University

**140. Identify the odd man**

- a) Raja Ram Mohan Roy  
b) Swami Vivekananda  
c) Debendranath Tagore  
d) Keshab Chandra Sen

**141. Which of the following was invented by Amir Khusrau in the 14th century ?**

- a) Tanpura                      b) Sitar  
c) Sarod                         d) Sarangi

**142. Jatra is a folk dance form of**

- a) Manipur                      b) West Bengal  
c) Maharashtra                d) Karnataka

**143. Identify the odd one.**

- a) Pattammal  
b) Rukmini Devi Arundale  
c) guru Bipin Sinha d) Kelucharan Mahapatra

**144. Which of the following is a Parsi festival ?**

- a) Vasanthapanchami        b) Nagapachami  
c) Jaistha                        d) Papeli

**145. Who of the following is known as Deenabandhu ?**

- a) C. F. Andrews                b) C. R. Das  
c) Sir Ferozeshah Metha  
d) M. K. Gandhi

**146. During whose reign were the Khajuraho temples built ?**

- a) Gurjars                        b) Hoysala Kings  
c) Chandela Kings              d) Kakatiyas

**147. Where did the 1857 Sepoy Mutiny first erupt?**

- a) Lucknow    b) Meerut    c) Patna    d) Jhansi

**148. Division of India into India and Pakistan as Dominions was an important aspect of the**

- a) Wavell Plan                      b) Simla Conference  
c) Cabinet Mission Plan  
d) Mountbatten Plan

**149. Who of the following Governors - General proposed the change of capital from Calcutta to Delhi ?**

- a) Lord Hardinge II              b) Dufferin  
c) Landsdowne                  d) Lord Curzon

**150. The only Viceroy, who was assassinated in India, was**

- a) Lord Attenborough          b) Lord Hardinge  
c) Lord Mayo                      d) Lord Northbrooke

**ANSWERS**

- 1) d      2) a      3) c      4) b      5) a      6) d  
7) c      8) b      9) c      10) a      11) c      12) c  
13) d      14) a      15) d      16) c      17) c      18) b  
19) b      20) b      21) d      22) b      23) c      24) d  
25) d      26) b      27) c      28) b      29) d      30) d  
31) b      32) c      33) c      34) c      35) b      36) a  
37) b      38) a      39) c      40) d      41) b      42) a  
43) d      44) a      45) b      46) d      47) c      48) d  
49) a      50) a      51) c      52) c      53) b      54) a  
55) a      56) c      57) d      58) b      59) b      60) a  
61) a      62) a      63) b      64) d      65) d      66) a  
67) b      68) d      69) a      70) b      71) b      72) b  
73) a      74) d      75) c      76) b      77) b      78) a  
79) b      80) a      81) c      82) b      83) a      84) a  
85) d      86) a      87) d      88) b      89) d      80) d  
91) d      92) a      93) b      94) d      95) b      96) b  
97) a      98) b      99) c      100) a      101) d      102) b  
103) c      104) c      105) b      106) a      107) d      108) b  
109) a      110) c      111) b      112) b      113) b      114) b  
115) a      116) d      117) d      118) b      119) c      120) a  
121) b      122) c      123) d      124) a      125) b      126) b  
127) c      128) a      129) b      130) a      131) b      132) c  
133) d      134) a      135) d      136) d      137) c      138) d  
139) c      140) c      141) b      142) b      143) a      144) d  
145) a      146) c      147) b      148) d      149) a      150) c

**M. P. D. O PRELIMINARY EXAMINATION**  
**GENERAL STUDIES & MENTAL ABILITY - 1998**

1. Which of the following is not a characteristic of Indian agriculture ?  
1) Overdependence on nature  
2) Low level of productivity  
3) Multiplicity of crops  
4) Predominance of large farms
2. When did the Reserve Bank of India become a state-owned institution ?  
1) 1943    2) 1947    3) 1949    4) 1952
3. While considering the Gross National Product (GNP), which of the following is not required ?  
1) Governmental purchases of goods  
2) Per capital income of individuals  
3) Private investment  
4) Net foreign investment
4. Urdu University is located at  
1) Lucknow                      2) Hyderabad  
3) Bhopal                        4) Patna
5. With which game is Rovers Cup associated?  
1) Cricket                        2) Hockey  
3) Football                       4) Badminton
6. Of the four landmarks in medical history given below, which one was the first to take place ?  
1) Organ transplant    2) Bypass surgery  
3) Test tube baby        4) Plastic surgery
7. Which one of the following texts of ancient India allows divorce to a wife deserted by her husband ?  
1) Kamasutra  
2) Manavadharma Shastra  
3) Sukra Nitisara            4) Arthashastra
8. 'Diamond Ring is a phenomenon observed  
1) at the start of total solar eclipse  
2) at the end of total solar eclipse  
3) only along the peripheral regions of the totality trail  
4) only in the central regions of the totality trail
9. Which one of the following is an important historical novel written during the latter half of the 19th century ?  
1) Rast Goftar                    2) Durgesh Nandni  
3) Maharatha                    4) Nibhandhamala
10. Which one of the following works has recently been made into a full length feature film ?  
1) R.K. Narayan's Malgudi Days  
2) Salman Rushdie's Midnight's Children  
3) Vikram Seth's A suitable Boy  
4) Upamanyu Chatterjis English August
11. Besides proteins and carbohydrates, other elements of nutritional value found in milk include  
1) calcium, potassium and iron  
2) calcium and potassium  
3) potassium and iron    4) calcium and iron
12. Who among the following has been elected to UNESCO's executive board ?  
1) J. N. Dixit                      2) Muchkund Dubey  
3) Padmanabhiah                4) Arundhati Ghosh
13. Name the democratic leader of china who was recently released from jail by the Chinese authorities.  
1) Jiang Zi                        2) Wei Jingsheng  
3) Tse Chu                        4) Tse Zemin
14. To which non-profit voluntary organization does the first Mother Teresa Award go ?  
1) Tamana Special School  
2) Disha    3) Drishti    4) Care
15. The 1996 Indira Gandhi Prize for Peace, Disarnament and Development was presented to a nongovernment organization medicins Sans Frontiers. The organization is based in  
1) France    2) Germany    3) USA    4) India
16. Which is the US Space Shuttle in which Indian born Kalpana Chawla, a 37 year old aerospace engineer, blasted off on a space research mission ?  
1) Olympia                        2) Kennedy  
3) Columbia                      4) Cape Canaveral
17. Which country is to join the 16 current members of the North Atlantic Treaty Organization (NATO) ?  
1) Hungary                        2) India  
3) Britain                         4) Hong Kong
18. Recently, in 1998, three new countries were admitted as members of the Pacific Economic Cooperation Forum. These countries are  
1) Zambia, Zaire, Cuba  
2) Russia, Peru, Vietnam  
3) China, Thailand, Vatican City  
4) None of these
19. Which one is not a National party according to the latest report of the Election Commission of India ?  
1) BSP    2) JP    3) SP    4) None of these
20. The Miss World 97 contest was held in Mahe in which India's Diana Hayden was adjudged Miss World 1997. The founder of the Miss World pageant is  
1) Eric Morley                      2) Anuska Prado  
3) Irene Skilna                    4) None of these
21. Which was the place where 61, people were brutally massacred by Ravir Sena ?

- 1) Laxamanpur Bathe 2) Rampur Tehsil  
3) Pratappur 4) Bashant Gaon
- 22. Which African country has recently pledged unconditional support for India's candidature for membership of the UN Security Council ?**  
1) South Africa 2) Cuba  
3) Ghana 4) Uganda
- 23. Which among the following is the largest manufacturer of Pollution Control Equipment (PCE) for core sector industries in India ?**  
1) BHEL 2) Bhilai 3) Rourkela 4) TISCO
- 24. The 1997 Interpol Conference was held at**  
1) London 2) New Delhi 3) Paris 4) France
- 25. Which country is the largest aid donor to India ?**  
1) Germany 2) Japan 3) USA 4) France
- 26. India has been hauled up in the World Trade Organization (WTO) by the developed nations on the question of**  
1) quantitative restrictions on imports  
2) dispute over FDI  
3) dispute over Balance of payments position  
4) All the above
- 27. Where is India's first ever computer university proposed to be set up ?**  
1) Bangalore 2) Chennai  
3) Jabalpur 4) Bhubaneshwar
- 28. PET project is related to**  
1) Education 2) Nuclear Science  
3) Arts 4) Commerce
- 29. In which industry is the Zagat survey of ranking of companies popular ?**  
1) Pharmaceutical 2) Airlines  
3) Liquor 4) Shipping
- 30. D - 8 is an economic cooperation group of**  
1) eight North African nations  
2) eight nations of Europe  
3) eight Muslim nations 4) None of the above
- 31. Which of the following artists got the 'Deshikottama' award from Vishwa Bharati University in the recent past ?**  
1) Bhupen Hazarika 2) Lata Mangeskar  
3) Dev Anand 4) Dilip Kumar
- 32. Match List I with List II and select the correct answer using the codes given below the lists:**
- | List I            | List II           | Codes |   |   |   |   |
|-------------------|-------------------|-------|---|---|---|---|
| (Dance)           | (States)          | A     | B | C | D |   |
| A. Odissi         | 1. Kerala         | (1)   | 1 | 2 | 3 | 4 |
| B. Kuchipudi      | 2. TamilNadu      | (2)   | 4 | 3 | 2 | 1 |
| C. Bharata Natyam | 3. Andhra Pradesh | (3)   | 2 | 3 | 1 | 4 |
| D. Kathakali      | 4. Orissa         | (4)   | 1 | 3 | 2 | 4 |
- 33. Ali Akbar Khan, honoured with America's prestigious National Heritage Award, is associated with**  
1) Sarod 2) Violin 3) Sitar 4) Santoor
- 34. Match List I with List II and select the correct answer using the codes given below the lists:**
- | List I               | List II                                  |
|----------------------|--|
| (Name)               | (Books)                                  |
| A. David Bernstein   | 1. Courtyards of My Childhood : A Memoir |
| B. Ramola Chatterjee | 2. The Price of a Dream                  |
| C. Shashi Deshpandy  | 3. A matter of Time                      |
- Codes :**
- | A B C    | A B C                |
|----------|----------------------|
| 1) 1 2 3 | 2) 3 2 1             |
| 3) 2 1 3 | 4) None of the above |
- 35. Kishori Amonkar is associated with**  
1) Hindustani Classical Vocal  
2) Karnatic Classical Vocal  
3) Ravindra Sangeet 4) Flute
- 36. Which of the following states is associated with Madhubani painting ?**  
1) West Bengal 2) Uttar Pradesh  
3) Madhya Pradesh 4) Bihar
- 37. Who among the following is not associated with painting ?**  
1) M. F. Hussain 2) Raja Ravi Verma  
3) Jatin Das 4) Medha Patkar
- 38. Which of the following is not a form of popular balled on heroic themes of folk tales ?**  
1) Alha of Bundelkhanad  
2) Pewada of Maharashtra  
3) Burrakatha of Andhra 4) Kajarl of Bhoipur
- 39. Energy from the sun is transmitted to the earth by**  
1) Air 2) Clouds  
3) Radiation 4) Conduction
- 40. Coal, Petroleum and Natural Gas are**  
1) Renewable sources of energy  
2) Sources of Geo-thermal energy  
3) Non-renewable sources of energy  
4) Sources of Chemical energy
- 41. Naharkatiya oil-field is in**  
1) Assam 2) Tripura  
3) Gujarat 4) Maharashtra
- 42. Ozone depletion is taking place because of the use of**  
1) Hydro - electric power 2) Solar power  
3) Fossil - fuel power 4) Thermal power
- 43. A very high potential hydro - power zone in India is**  
1) Coastal area 2) Himalayas area  
3) Central India 4) Western India
- 44. The energy that is eco-friendly but costly is**  
1) Thermal 2) Atomic 3) Solar 4) Tidal
- 45. The Chernobyl nuclear mishap occurred in**





- 1) a check on concentration of industrial power  
 2) expansion of big industrial houses  
 3) growth of industries on socialistic lines  
 4) haphazard growth of industries
- 66. Tax on agricultural holdings was recommended by**  
 1) Wanchoo committee  
 2) Taxation Inquiry Commission  
 3) Boothalingam committee  
 4) Raj Committee
- 67. The primary aim of the functioning of the public distribution system is to**  
 1) check hoarding  
 2) make the most essential commodities available  
 3) protect the vulnerable sections of the population against high prices of essential commodities  
 4) Keep a control on quality of goods
- 68. India's Industrial policy in respect of foreign multinational in recent years has been one of**  
 1) encouraging them in India  
 2) discouraging them in India  
 3) making their ownership more India  
 4) leaving them untouched altogether
- 69. Which region in India is known as the 'Rice Bowl of India' ?**  
 1) Indo - Gangetic Plan  
 2) Krishna - Godavari Delta Region  
 3) North - East Region 4) Kerala and Tamil Nadu
- 70. The Indian Constitution borrowed the idea of the Directive Principles of State Policy from the**  
 1) Constitution of Eire  
 2) Constitution of the German  
 3) Constitution of South Africa  
 4) None of the above
- 71. The term 'Fourth Estate' refers to**  
 1) Underdeveloped countries  
 2) Judiciary 3) Executive  
 4) The Press
- 72. Who amongst the following did not serve as the vice-President before becoming the President of India ?**  
 1) Dr. S. Radhakrishnan 2) Dr. Zakir Hussain  
 3) Neelam Sanjiva Reddy 4) R. Venkataraman
- 73. Under the provision of which Article of the Constitution did the Govt. of India introduce 'Bharat Ratna' and Padma Vibhushan'**  
 1) Article 14 2) Article 18  
 3) Article 19 4) Article 31
- 74. In which Amendment Act was the word 'Cabinet added to the Constitution of India for the first time ?**  
 1) 42nd Amendment Act  
 2) 44th Amendment Act  
 3) 52nd Amendment Act  
 4) 43rd Amendment Act
- 75. According to Article 75 (3) of the Indian Constitution, the Council of Ministers shall be collectively responsible to**  
 1) the Parliament 2) the President  
 3) the Lok Sabha 4) None
- 76. The Advisory opinion tendered by the Supreme Court of India is**  
 1) binding on the President and the subordinate courts  
 2) not binding on the President, but binding on the subordinate courts  
 3) binding on the President, but not binding on the subordinate courts  
 4) not binding on both the President and the subordinate courts
- 77. A Draft Plan has to be approved by**  
 1) the Planning commission  
 2) the Cabinet 3) Parliament  
 4) the National Development Council
- 78. Centre-State financial distribution takes place following the recommendations of the**  
 1) Inter - State Council  
 2) Finance Commission  
 3) Planning Commission 4) Parliament
- 79. What can the President of India do if a State fails to comply with the directives of the Central Govt. ?**  
 1) The President can send reserve police to the State to secure compliance.  
 2) The President can declare breakdown of Constitutional machinery in the State and assume responsibility for the governance of the State  
 3) The President can dissolve the State legislature and order fresh elections  
 4) The President cannot do any of the things mentioned in (1), (2) and (3).
- 80. Which of the following is an indirect tax ?**  
 1) Excise Duty 2) Capital Gains Tax  
 3) Wealth Tax 4) Corporation Tax
- 81. Grants - in aid given to States are meant**  
 1) to maintain amicable' - relations between the Centre and the States are meant  
 2) as a token of Central assistance to the States  
 3) to cover gaps on revenue account so that the States can undertake developmental activities  
 4) to finance State sector plans
- 82. In which year was a Zonal Council established to advise on matter of common interest for each of the five zones ?**  
 1) 1956 2) 1950 3) 1952 4) 1962
- 83. Who - can establish an Inter - State Council to**

enquire into and advise upon disputes which may have arisen between States ?

- 1) Prime Minister      2) Council of Ministers  
3) Parliament          4) President

84. Which of the following states support the maximum percentage of tribal population?

- 1) Madhya Pradesh      2) Andhra Pradesh  
3) Sikkim                4) Nagaland

85. The maximum percentage of the tribal population in India consists

- 1) Santhals 2) Bhils      3) Mundas 4) Nagas

86. What percentage of the total population of India is accounted for by the Scheduled Castes and Scheduled Tribes ?

- 1) 20.8%    2) 25.4%    3) 18.7%    4) 23.5%

87. Which state has the largest number of people belonging to Scheduled Castes ?

- 1) Uttar Pradesh      2) Madhya Pradesh  
3) Bihar                4) Andhra Pradesh

88. In which area are Zoroastrian concentrated?

- 1) Tamil Nadu          2) Andhra Pradesh  
3) Maharashtra      4) Madhya Pradesh

89. Match List I with List II and select the correct answer using the codes given below the lists:

List - I

List - II

A. Re-Organisation of States

1. Seventh Amendment

B. Sikkim became 22nd state of the Indian Union

2. Thirty - Sixth Amendment

C. Ninth Schedule added

3. First Amendment

D. Abolition of titled of Princes

4. Twenty-sixth Amendment

Codes :

	A	B	C	D
1.	1	2	3	4
2.	2	1	3	4
3.	3	2	1	4
4.	3	1	4	2

90. In which of the following cities of India was the 29th International film Festival held in January, 1998 ?

- 1) Delhi      2) Calcutta 3) Mumbai 4) Bangalore

91. In the Indian context, the term - 'Denotified Tribes' refers to

- 1) tribes which are aboriginals  
2) nomadic tribes  
3) tribes practicing shifting cultivation  
4) tribes which was earlier classified as criminal tribes

92. Which one of the following temples figured in the news regarding the institution of Devadasis ?

- 1) Jagannath Temple, Pure  
2) Pasupathinath Temple, Katmandu  
3) Kandariyamahadev Temple, Khajuraho  
4) Chaunsathyogini Temple, Bheragat

93. The area of the Indian Union is

- 1) 32, 87, 782 sq. km    2) 42, 46, 352 sq. km  
3) 20, 87, 762 sq. km    4) None of the above

94. Which of the following states leads in commerce and industry ?

- 1) Maharashtra          2) Andhra Pradesh  
3) Tamil Nadu            4) West Bengal

95. Which of the following is at present the largest power using sector of the Indian economy?

- 1) Agriculture  
2) Domestic consumers and street lighting  
3) Industry  
4) Transport Communication

96. Fiscal deficit in the Union Budget means

- 1) the difference between current expenditure and current revenue.  
2) net increase in Union government's borrowings from the Reserve Bank of India  
3) the sum of budgetary deficit and net increase in internal and external borrowings  
4) the sum of monetised deficit and budgetary deficit

97. In which year did the British Government announce for the first time Dominion Status as the goal of Indian political development ?

- 1) 1922    2) 1929    3) 1932    4) 1935

98. Who among the following British prime Ministers issued the infamous "Communal Award", which prescribed separate electorate for giving representation to different communities in legislatures in India ?

- 1) Ramsay Mac Donald 2) Stanley Baldwin  
3) Neville chamberlain    4) Winston Churchill

99. The Constitution of India has divided Legislative Powers into three different lists. "Social Security and Social Insurance" is a subject included in the

- 1) Concurrent list of Powers  
2) Residuary Powers    3) State list of Powers  
4) Union list of Powers

100. The President of India may resign his office by writing under his hand a letter of resignation addressed to the

- 1) Prime Minister    2) Chief Justice of India  
3) Vice - President    4) Speaker of the Lok Sabha

101. Under the Directive Principles of State Policy, the State shall endeavor to provide free and compulsory education for all children until they complete the age of

- 1) 10 years    2) 12 years    3) 14 years    4) 16 years

- 102. The Fundamental Duties were added to our Constitution for the first time in**  
1) 1974 2) 1975 3) 1976 4) 1977
- 103. The Right of Property ceased to be a Fundamental Right from**  
1) 1975 2) 1976 3) 1978 4) 1979
- 104. The State of Kerala was created, in place of the Part B State of Travancore - Cochin of the original Constitution in**  
1) 1953 2) 1956 3) 1959 4) 1962
- 105. With which game is the term 'Stonewalling' associated ?**  
1) Hockey 2) Football 3) Cricket 4) Tennis
- 106. With which game is the term 'Dummy' associated ?**  
1) Volleyball 2) Bridge  
3) Badminton 4) Chess
- 107. With which game is the term 'Bogey' associated ?**  
1) Golf 2) Boating  
3) Polo 4) Horse Racing
- 108. With which game is Beighton Cup associated?**  
1) Cricket 2) Hockey  
3) Football 4) Volleyball
- 109. Eja cup is associated with ?**  
1) Tennis 2) Polo 3) Shooting 4) Golf
- 110. Chakmas are refugees from**  
1) Pakistan 2) Sri Lanka  
3) Bangladesh 4) Bhutan
- 111. The offending substance in liquor tragedies leading to blindness, etc., is**  
1) ethyl alcohol 2) amyl alcohol  
3) benzyl alcohol 4) methyl alcohol
- 112. When an air bubble at the bottom of a lake rises to the top, it**  
1) increase in size 2) decreases in size  
3) maintains its size  
4) flattens into a dish-like shape
- 113. Which one of the following is a modern tank?**  
1) Bhim 2) Akash 3) Arjun 4) Prithvi
- 114. The nutritional deficiency condition that needs to be given top priority for remedial action in India today is**  
1) Scurvy 2) Rickets  
3) Xerophthalmia 4) Pellagra
- 115. According to the World Health Organisation, the disease which causes the death of the largest number of people today is**  
1) AIDS 2) TB 3) Malaria 4) Ebola
- 116. The sex ratio (females per 1000 males) in Andhra Pradesh in 1991 was**  
1) 962 2) 972 3) 982 4) 999
- 117. The decadal growth of total population of Andhra Pradesh between 1981 and 1991 was**  
1) 19.12 2) 20.12 3) 23.82 4) 24.82
- 118. Who was appointed as the Chief Justice of A. P. High Court**  
1) Romesh Chandra Bhandari  
2) Umesh Chandra Bannerji  
3) Prabhakar Pandey 4) S. K. Misra
- 119. The first Indian who was appointed Master (Head) of Trinity college of Cambridge University was**  
1) Sudipto Kaviraj 2) Partha Chatterji  
3) S. C. Sarkar 4) Amartya Sen
- 120. The density of population of Andhra Pradesh in 1991 (persons per sq. m was)**  
1) 241 2) 221 3) 231 4) 251
- 121. Who has bagged the N. T. Rama Rao National Film Award for 1997 for his / her sterling contribution to Indian Cinema ?**  
1) Ashok Kumar 2) Sunil Dutt  
3) Dev Anand 4) Dilip Kumar
- 122. Arundhati Roy has bagged the Booker Prize for her work**  
1) Satanic Verses 2) The Wrath of God  
3) The God of Small things  
4) Gandhi's Murder and After
- 123. The latest recipient of the Bharat Ratna award is**  
1) A. P. J. Abdul Kalam 2) Mother Teresa  
3) Rajiv Gandhi  
4) M. S. Subbalakshmi
- 124. The super computer developed in India specifically for using it in the Light Combat Aircraft is known as**  
1) Leap 2) Param 3) Pace 4) Gati
- 125. Who recently launched a new political party "Lok Shakti" ?**  
1) Mamata Banerjee 2) Navin Patnaik  
3) Kamal Nath 4) Ramakrishna Hegde
- 126. Who amongst the following social workers launched an anti-corruption movement and was at the front for quite a few days in December 1996 ?**  
1) Medha Patkar 2) Sundarlal Bahuguna  
3) Baba Amte 4) Anna Hazare
- 127. The question regarding the height of the Alamatti Dam has given rise to a dispute between**  
1) Andhra Pradesh and Karnataka  
2) Karnataka and Tamil Nadu  
3) Tamil Nadu and Gujarat  
4) Andhra Pradesh and Tamil Nadu
- 128. Mr. Kofi Annan, the UN Secretary General, belongs to**  
1) Ghana 2) South Africa 3) Japan 4) Myanmar
- 129. The famous dancer Samyukta Panigrahi who died recently was associated with**  
1) Kathak 2) Odissi 3) Manipuri 4) Bharat Natyam

**130. In which year was the national song 'Vande Mataram' sung for the first time in an Indian National Congress Session ?**

- 1) 1905    2) 1911    3) 1919    4) 1896

**131. The first lady to become a judge of the Supreme Court was**

- 1) Anna Chandy                      2) Sujatha Manohar  
3) Fatima Beevi                      4) None of the above

**132. "Truth, Godliness and Beauty" is the motto of**

- 1) Department of Tourism    2) A. I. R  
3) Railways                              4) Doordarshan

**133. Which one of the following sets of towns is connected by HBJ pipeline ?**

- 1) Hazira, Bijapur and Jagdishpur  
2) Hazira, Barauni and Jagdishpur  
3) Hamirpur, Bijaigarh and Jaipur  
4) Hyderabad, Bliapur and Jaipur

**134. Which of the following is the headquarters of the newly established railway zone "East-Coast Railway ?**

- 1) Vishakhapatnam              2) Calcutta  
3) Hyderabad                        4) Bhuvaneshwar

**135. The second Indian Antarctic base is named**

- 1) Dakshin Yamnotri              2) Maitri  
3) Rajiv                                  4) Indira

**136. The term 'Plan Horizon' refers to**

- 1) aggregate size of plan investment  
2) time frame of the plan  
3) total plan outlay  
4) growth rate target

**137. Liberalization of Indian economy since 1990 has resulted in**

- 1) The transformation of patterns of domestic and foreign investment  
2) increased international cooperation in science and technology  
3) rapid expansion of domestic and foreign trade  
4) rapid increase in international investment in infrastructure

**138. The most important feature of Jawahar Rojgar Yojna has been the creation of jobs for the**

- 1) unemployed in urban areas  
2) underemployed in urban areas  
3) unemployed and underemployed in rural areas  
4) unemployed in rural areas and under employed in urban areas

**139. Which of the following states has taken for the first time a loan of Rs. 10,000 crore directly from the World Bank ?**

- 1) Maharashtra                      2) West Bengal  
3) Bihar                                  4) Andhra Pradesh

**140. Which of the following organisations is being merged with its parent organisation, Industrial Credit and Investment Corporation of India Ltd. (ICICI) ?**

- 1) IDBI    2) UTI    3) ICICI    4) ECICI

**141. 'Euro', the currency proposed to be floated by the European Economic Community countries, will be launched on**

- 1) October 25, 1998    2) January 1, 1999  
3) January 15, 1999    4) January 15, 2000

**142. Of which of the following international organisations is Mr. Renat Ruggiero the Director General ?**

- 1) ASEAN    2) EC    3) CIS    4) WTO

**143. Capital intensive industries cause**

- 1) reduction in the overall capital formation  
2) increase in the capital  
3) unemployment  
4) vast employment opportunities

**144. The apex bank for rural credit is**

- 1) Regional rural Banks    2) NAFED  
3) NABARD                        4) RBI

**145. The term 'Paper gold' is associated with**

- 1) special accommodation facility of the World Bank  
2) special drawing rights of the IMF  
3) currencies still on gold standard  
4) deficit budgeting

**146. Balance of Payments is defined as**

- 1) complete record of all economic transactions between the residents of a country and the rest of the world  
2) the value of exports minus the value of imports  
3) the difference between current expenditure and current revenue in the Government Budget  
4) the difference between liabilities and assets of firm

**147. The purpose of the Unit Trust of India, established in February, 1964, was to**

- 1) provide long-term credit facilities to the industrial units in the public sector.



- 2) provide long-term credit for improvements in agriculture and cottage industries
- 3) mobilise the savings of the community and spend them for social uplifting rural areas.
- 4) mobilise the savings of the community and invest them in industries.

**148. The programme 'Antodaya' aims at**

- 1) development of Minorities
- 2) upliftment of Harijans
- 3) helping the poorest of the poor
- 4) total eradication of poverty in India

**149. Which of the following is not a measure initiated under land reforms ?**

- 1) Social ownership of land
- 2) Security of tenure of tenants
- 3) Ownership rights of tenants
- 4) Ceiling on land holdings

**150. The Regional rural Bankers serve to**

- 1) educate the rural public about banking
- 2) finance small farmers and artisans and mobilise deposits in rural areas
- 3) assist financially in land development
- 4) finance development of rural areas

**ANSWERS**

- 1) 4      2) 3      3) 4      4) 2      5) 3      6) 4
- 7) 4      8) 4      9) 2      10) 4      11) 4      12) 4
- 13) 4      14) 1      15) 1      16) 3      17) 1      18) 2
- 19) 4      20) 1      21) 1      22) 4      23) 1      24) 2
- 25) 2      26) 1      27) 4      28) 2      29) 2      30) 3
- 31) 2      32) 2      33) 1      34) 4      35) 1      36) 4
- 37) 4      38) 1      39) 3      40) 3      41) 1      42) 3
- 43) 2      44) 3      45) 3      46) 1      47) 2      48) 4
- 49) 4      50) 3      51) 1      52) 3      53) 3      54) 3
- 55) 2      56) 4      57) 2      58) 1      59) 4      60) 4
- 61) ?      62) 1      63) 2      64) 3      65) 1      66) 4
- 67) 3      68) 1      69) 2      70) 1      71) 4      72) 3
- 73) 2      74) 2      75) 3      76) 2      77) 4      78) 2
- 79) 2      80) 1      81) 3      82) 1      83) 4      84) 1
- 85) 2      86) 2      87) 1      88) 3      89) 1      90) 1
- 91) 4      92) 1      93) 1      94) 1      95) 3      96) 3
- 97) 2      98) 1      99) 1      100) 3      101) 3      102) 3
- 103) 3      104) 2      105) 3      106) 2      107) 1      108) 2
- 109) 2      110) 4      111) 4      112) 1      113) 3      114) 3
- 115) 2      116) 2      117) 3      118) 2      119) 4      120) 1
- 121) 4      122) 3      123) 4      124) 2      125) 4      126) 4
- 127) 1      128) 1      129) 2      130) 4      131) 3      132) 4
- 133) 1      134) 4      135) 2      136) 2      137) 3      138) 3
- 139) 4      140) 3      141) 2      142) 4      143) 3      144) 3
- 145) 2      146) 1      147) 4      148) 3      149) 4      150) 4

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1. In plants, phosphorus is mainly used for
  - 1) Leaf growth
  - 2) Flowering
  - 3) Root growth
  - 4) Leaf and root growth
2. Concave mirrors are used as shaving mirrors because they
  - 1) do not distort images
  - 2) always produce real images
  - 3) produce magnified images
  - 4) never produce inverted images
3. In the human body, urea is produced in the
  - 1) Liver
  - 2) Spleen
  - 3) Kidneys
  - 4) Pancreas
4. Sound travels faster in
  - 1) dry air than in water
  - 2) wood than in iron
  - 3) iron than in air
  - 4) hydrogen than in water
5. In the human body, the pituitary gland is located in the
  - 1) Chest
  - 2) Abdomen
  - 3) Throat
  - 4) Brain
6. Non-secretion of insulin causes
  - 1) Diabetes
  - 2) Malaria
  - 3) Ulcer
  - 4) Tuberculosis
7. The unmanned aircraft developed in India is called
  - 1) Lakshya
  - 2) Nishant
  - 3) Trisul
  - 4) Hansa
8. Photoelectric cells are used to convert
  - 1) Light energy into sound energy
  - 2) Light energy into heat energy
  - 3) Light energy into electrical energy
  - 4) Electrical energy into light energy
9. India's first exclusive meteorological satellite launched recently took the Earth's image in full frame mode. What is the name of the satellite ?
  - 1) INSAT - 1C
  - 2) INSAT - 2 B
  - 3) INSAT - 1A
  - 4) METSAT
10. Which among the following is the richest source of protein ?
  - 1) Black gram
  - 2) Bengal gram
  - 3) Pea
  - 4) Soyabean
11. Which kind of light waves are used in the remote control of Television ?
  - 1) Visible light
  - 2) Infra - red
  - 3) X - rays
  - 4) r - rays
12. What is the name of the world's first cloned human body ?
  - 1) The Eve
  - 2) Dolly
  - 3) The Shrine
  - 4) Abbey
13. Genome Mapping is related to
  - 1) Blood grouping
  - 2) Mapping of genes
  - 3) Mapping of nerve centres
  - 4) Mapping of the brain
14. The technology which allows the user to access the Internet through the mobile phone without using a modem or computer, is
  - 1) PGRS
  - 2) RPGS
  - 3) SPGR
  - 4) GRPS
15. Of the following diseases, which one is related to the spinal column of man ?
  - 1) Hypothermia
  - 2) Cataract
  - 3) Cervical spondylosis
  - 4) Hernia
16. Which of the following human organs is least susceptible to harmful radiation ?
  - 1) Eyes
  - 2) Heart
  - 3) Brain
  - 4) Lungs
17. The fuel efficiency of dry cattle dung in comparison to bio-gas is
  - 1) One - fourth
  - 2) One - fifth
  - 3) One - sixth
  - 4) One - eighth
18. Which of the following is named 'Gajraj'?
  - 1) MIG - 27
  - 2) Jaguar
  - 3) Mirage 2000
  - 4) IL - 76
19. The missile 'Agni - has a range of
  - 1) 1000 km
  - 2) 700 km
  - 3) 2000 km
  - 4) 200 km
20. The largest Telecom operator in India is
  - 1) BSNL
  - 2) MTNL
  - 3) Tata Indicom
  - 4) Reliance Info.com
21. Which of the following cities has India's first "Techno Park" ?
  - 1) Gurgaon
  - 2) Pune
  - 3) Bangalore
  - 4) Thiruvananthapuram
22. The National institute of Oceanography is located at
  - 1) Cochin
  - 2) Mumbai
  - 3) Chennai
  - 4) Goa
23. Which of the following is a mixture ?
  - 1) Lime
  - 2) Table salt
  - 3) Sugar
  - 4) Sea water
24. Where does genetic mutation occur ?
  - 1) In DNA
  - 2) In RNA
  - 3) In chromosomes
  - 4) In ribosomes
25. An element is best characterised by its
  - 1) Electronic configuration
  - 2) Atomic number
  - 3) Atomic weight
  - 4) Atomic volume

- 26. The Supreme Court has allowed the construction of the Sardar Sarovar Dam up to a height of**
- 1) 88 metres                      2) 90 metres  
3) 100 metres                    4) 120 metres
- 27. The Central Rice Institute of India is located in**
- 1) Kolkata                          2) Cuttak  
3) Bangalore                      4) Guwahati
- 28. The Rana Pratap Sagar Power Plant (Rajasthan) is associated with**
- 1) Nuclear power                2) Solar power  
3) Hydro - electricity        4) Gas-based electricity
- 29. Which of the following states is the leading producer of woollen textiles ?**
- 1) Jammu & Kashmir    2) Punjab  
3) Rajasthan                      4) Himachal Pradesh
- 30. Which of the following Oil Corporations in the Public Sector has proposed setting up a new oil refinery at Bina in M. P. ?**
- 1) Indian Oil Corporation  
2) Bharat Petroleum Corporation  
3) Hindustan Petroleum Corporation  
4) Indo-Burma Petroleum Corporation
- 31. At the mouth of which river is India's largest estuary located ?**
- 1) Hooghly                        2) Bhagirathi  
3) Godavari                       4) Krishna
- 32. The most extensive soil cover of India comprises**
- 1) Red soil                        2) Black soil  
3) Alluvial soil                    4) Marshy soil
- 33. The most sensitive indicator of the health of a community is its**
- 1) Birth Rate                      2) Infant Mortality Rate  
3) Death Rate                    4) Maternal Mortality Rate
- 34. In India, banks were nationalised for the first time in the year**
- 1) 1950    2) 1960    3) 1969    4) 1979
- 35. Similipal in Orissa state is well known for its**
- 1) Stone - carved temple complex  
2) Wild - life sanctuary    3) Virgin beach  
4) Hydro - electric power project
- 36. Where are tropical evergreen forests found in India ?**
- 1) Kerala                          2) Andhra Pradesh  
3) Madhya Pradesh        4) Orissa
- 37. Certain economists opine that Indian economy has reached the "Take off" stage. It means**
- 1) The economy is about to collapse  
2) The economy is stagnant  
3) The beginning of steady growth  
4) The removal of all controls
- 38. During which Five Year Plan was the primary responsibility of India's development shifted to the Public Sector ?**
- 1) First Plan                      2) Second Plan  
3) Third Plan                      4) Fourth Plan
- 39. How much of India's total area consists of cultivable plains ?**
- 1) 23%    2) 36%    3) 41%    4) 51%
- 40. Which of the following is the largest contributor to the total tax revenue of India ?**
- 1) Income Tax                    2) Corporation Tax  
3) Customs Duties              4) Union Excise Duties
- 41. With which of the following industries is Ranchi associated ?**
- 1) Rayon Silk                      2) Copper  
3) Hosiery  
4) Manufacture of heavy machines
- 42. In which of the following states is India's largest lake located ?**
- 1) Andhra Pradesh              2) Assam  
3) Madhya Pradesh              4) Orissa
- 43. Find the odd one out :**
- 1) Jagson Airlines              2) Indian Airlines  
3) Air Sahara                      4) Jet Airways
- 44. What is the share of agriculture in India's GDP at present ?**
- 1) 50%    2) 52%    3) 26%    4) 55%
- 45. What is India's female literacy rate according to the 2001 census ?**
- 1) 62.48%    2) 54.16%    3) 64.13%    4) 66.47%
- 46. For which of the following crops does India have the largest cultivating area in the world?**
- 1) Wheat    2) Rice    3) Pulses    4) Cotton
- 47. According to the date recently published by the WHO, how many people are killed every year in violence ?**
- 1) 1 million                        2) 0.8 million  
3) 1.2 million                      4) 1.6 million
- 48. Which of the following pairs of countries achieved the top and the bottom positions respectively in matters of development as per the World Human Development Report 2002 ?**
- 1) USA and Sri Lanka  
2) Norway and Sierra Leone  
3) Sweden and Pakistan  
4) Canada and Bangladesh
- 49. Cheque - bounding is now a punishable offence and can attract imprisonment upto**

- 1) One year                      2) Two years  
3) Three years                  4) Four years
- 50. From which of the following is Plan expenditure met in India ?**  
1) External aid and assistance from OECD countries  
2) External aid from other countries  
3) Internal borrowing and other measures  
4) External aid from IMF
- 51. Who among the following led the rebellious sepoys in Kanpur in 1857 ?**  
1) Tantia Tope                  2) Laxmi Bai  
3) Nana Saheb                  4) Kunwar Singh
- 52. Who was the first woman President of the Indian National Congress ?**  
1) Sarojini Naidu                2) Mrs. Annie Besant  
3) Sucheta Kripalani          4) Madam Cama
- 53. Where did Gandhiji start the first peasant movement during the freedom struggle ?**  
1) Sabarmati                      2) Bardoli  
3) Chauri - Choura              4) Champaran
- 54. During India's freedom struggle, which of the following was formed the earliest ?**  
1) Congress Socialist Party  
2) Communist Party of India  
3) Hindustan Republican Socialist Association  
4) All India States People's Conference
- 55. Who of the following women freedom fighters went underground during the Quit India Movement ?**  
1) Sucheta Kripalani          2) Vijayalaxmi Pundit  
3) Aruna Asaf Ali                4) Sarojini Naidu
- 56. In which session of the Indian National Congress did Dadabhai Naoroji announce that "Swaraj" was the goal of India's political efforts ?**  
1) 1886 Calcutta Session  
2) 1893 Lahore Session  
3) 1905 Banaras Session  
4) 1906 Calcutta Session
- 57. The most famous musician at the court of Akbar was Tansen. What was his original name?**  
1) Makaranda Pande          2) Ramtanu Pande  
3) Lal Kalwant                  4) Baz Bahadur
- 58. Who is the author of Sangeeta Ratnakara, the treatise on classical music ?**  
1) Matanga                        2) Sarangadeva  
3) Tansen                         4) Purandaradasa
- 59. Which classical Indian dance form evolved in a region once known as 'Odhra Magadha'?**  
1) Kathak                         2) Odissi  
3) Manipuri                       4) Bharatanatyam
- 60. Who was the builder of the fortification in the Aravallis which is sometimes called "The Great Wall of India" ?**  
1) Rana Pratap                  2) Rana Sanga  
3) Rana Kumbha                4) Man Singh
- 61. Which community of Indian Muslims is enjoined to pray only thrice a day instead of the customary five times ?**  
1) Ismaili Khojas               2) Bohras  
3) Moplahs                        4) Ahmadiyahs
- 62. In the Mahabharat, the hundred sons of Dhritarastra (i.e. Kauravas) also had a sister. What is her name ?**  
1) Vaisali                         2) Duhshala  
3) Ratnavali                      4) Durvinita
- 63. In what evidence is Central Asia regarded as the original home of the Aryans ?**  
1) Anthropological              2) Philological  
3) Racial                         4) Archaeological
- 64. When, and where was our National Anthem first sung ?**  
1) January 24, 1950 in Allahabad  
2) January 24, 1950 in Delhi  
3) December 26, 1942 in Calcutta  
4) December 27, 1911 in Calcutta
- 65. Noutanki is a popular folk drama of**  
1) Rajasthan                      2) Bihar  
3) Uttar Pradesh                4) Madhya Pradesh
- 66. Who of the following called Cripp's proposals "post - dated cheques" ?**  
1) Motilal Nehru                2) M.K. Gandhi  
3) Jawaharlal Nehru  
4) Sardar Vallabhbhai Patel
- 67. The Government of India has proposed to introduce legislation for dual citizenship for NRIs. Which of the following recommended dual citizenship ?**  
1) Kelkar Committee  
2) L. M. Singhvi Committee  
3) Kothari Committee        4) K. Lal Committee
- 68. What is the age of retirement for a High Court Judge ?**  
1) 65 years                        2) 60 years  
3) 62 years                        4) 58 years
- 69. Which of the following is the most important item of expenditure of the Government of India on Revenue Account ?**  
1) Defence                        2) Subsidies  
3) Pensions                       4) Interest Payments



**70. Find the odd one out**

- 1) Amaravati                      2) Nagarjuna Konda  
3) Ajanta Caves                4) Gomateswara

**71. The Bodoland Agitation is centred in**

- 1) Tripura    2) Assam    3) Manipur    4) Bihar

**72. The proclamation of Emergency under Article 352 of the Constitution of India must be approved by the Parliament within**

- 1) 6 months                      2) 3 months  
3) 2 months                      4) One month

**73. The federal part of the Government of India Act, 1935 could not be implemented, because**

- 1) The Congress Party did not accept it  
2) The Muslim League did not accept it  
3) Some of the provinces did not accept it  
4) The rulers of princely states did not consent to join the proposed federation

**74. Who of the following presides over the meetings of the National Development Council ?**

- 1) The Finance Minister  
2) The Minister for Planning  
3) The Prime - Minister    4) The Vice - President

**75. The book My Presidential Years was written by**

- 1) Dr. Shankar Dayal Sharma  
2) Dr. S. Radhakrishnan  
3) R. Venkataraman    4) Dr. Rajendra Prasad

**76. Which of the following is a Fundamental Right, guaranteed by the Constitution of India ?**

- 1) Right to Govern            2) Right to Property  
3) Right to Information    4) Right to Equality

**77. Without being a Member of Parliament, can a person be appointed a minister ?**

- 1) No  
2) Yes, without any conditions  
3) Yes, only if the Parliament approves the appointment.  
4) Yes, but he should be elected member of Parliament within 6 months of his appointment

**78. As per the Constitution of India, who can make laws on residual matters ?**

- 1) State Legislatures only  
2) Parliament only  
3) Parliament, with the concurrence of State legislatures  
4) Parliament or State legislatures as decided by the Supreme Court.

**79. The salaries of Members of Parliament are decided by the**

- 1) Parliament                      2) Union Cabinet

**3) President of India**

- 4) Speaker of the Lok Sabha in consultation with the Chairman of the Rajya Sabha

**80. In which of the following states was the Panchayati Raj System introduced first ?**

- 1) Rajasthan                      2) West Bengal  
3) Karnataka                    4) Andhra Pradesh

**81. Which of the following pairs of words were added to the Preamble of the Constitution of India by the 42nd Amendment ?**

- 1) 'Sovereign' and 'Democratic'  
2) 'Secular' and 'Socialist'  
3) 'Democratic' and 'Socialist'  
4) 'Secular' and 'Democratic'

**82. Though India is a federal political system, the word 'federation' is**

- 1) mentioned at only one place in the Constitution  
2) mentioned only at two places in the Constitution  
3) not mentioned in the Constitution  
4) mentioned only in the Schedules of the Constitution

**83. What is the quorum for Lok Sabha meetings?**

- 1) 1/6 or 80 members    2) 1/4 or 140 members  
3) 1/10 or 55 members    4) 1/20 or 28 members

**84. Which of the following is wrongly matched?**

- 1) Rayaprolu Subbar Rao – Trunakankan  
2) Duvvuri – Krusheevaludu  
3) Krishna Sastri – Urvasi  
4) Bassavaraju Appa Rao – Panasala

**85. Who of the following was the first Indian to join the Indian Civil Service ?**

- 1) Devendranath Tagore  
2) Surendranath Banerji  
3) Abhanindranath Chatterji  
4) Satyendranath Tagore

**86. Who among the following was the author of Ramacharita Manas ?**

- 1) Tulsidas                              2) Kabirdas  
3) Chaitanya Mahaprabhu    4) Surdas

**87. Who of the following was awarded the 2002 Gandhi Peace Prize ?**

- 1) John Hume                      2) Ramakrishna Mission  
3) Nelson Mandela    4) Bharatiya Vidya Bhavan

**88. The Annual Summit of World Economic Fourm was held in Davos in January 2003. Davos is a city in**

- 1) Switzerland                      2) Brussels  
3) Norway                              4) Denmark

**89. Who was the Chief Guest at the 2003 Republic Day Parade in New Delhi ?**

- 1) S. R. Nathan                      2) Mohammad Khatami  
3) Moumoon Abdul Gayoom  
4) Hosni Mubarak
- 90. Which of the following nations joined the U. N. Security Council as a non-permanent member for two years in January 2003 ?**  
1) India                                      2) Pakistan  
3) Nepal                                      4) Bangladesh
- 91. What is considered to be the source of the Telugu Script ?**  
1) Brahmi Script  
2) Dakshina Brahmi Script  
3) Devanagari Script      4) Kannada Script
- 92. 'Nandi' awards were introduced for the best cinema in Andhra Pradesh in the year 1964. Which of the following movies was awarded the first 'Golden Nandi' award ?**  
1) Antastulu                                  2) Doctor Chakravarthi  
3) Sudigundalu                              4) Gudi Gantalu
- 93. In a certain code, CATTLE is DZUSMD. What would be the code for STRAIN ?**  
1) TSSYJM                                  2) TUSZJM  
3) RSSBHM                                  4) TSSZJM
- 94. In a certain code, LEST is 1, 2, 3, 4 and BACK is 5, 6, 7, 8. Then STABLE in that code would be**  
1) 346512    2) 345612    3) 354162    4) 346521
- 95. Find the odd one out from 441; 484; 529; 566 and 625**  
1) 484            2) 529            3) 625            4) 566
- 96. In the beginning the Kakatiyas were**  
1) Jains                                      2) Shivites  
3) Vaishnavites                              4) Golaki Shivites
- 97. Where in Andhra Pradesh is the 9 - temple complex of Navabrahma Temple ?**  
1) Satyavolu                                  2) Alampur  
3) Mahanandi                                  4) Vemulawada
- 98. From whom did Kakatiya Pratapa Rudra take over Kanchipuram in the south ?**  
1) Ravivarman                                  2) Raja Raja Chola  
3) Rajendra Chola                              4) Tanjavur Nayakas
- 99. Identify the wrong pair :**  
1) Inavolu            – The Temple of Mylarudeva  
2) Kolanupaka      – The Temple of someswara  
3) Vemulawada – The Temple of Swayambhudeva  
4) Movva            – The Temple of Gopalaswami
- 100. Which of the following countries have been labelled as 'Axis of Evil' by the American President, George W. Bush ?**  
A. North Korea                              1. East timor  
B. Iran    2. Afghanistan  
1) A B C    2) C D    3) A B C D    4) A B C D
- 101. Who of the following was selected for the award of the Fourth Annual Prize of \$ 350,000 for Cultural Freedom, by the US based Lannan Foundation in January 2003 ?**  
1) Medha Patkar                              2) Arun Kumar Singh  
3) Arundhati Roy                              4) Anton S. Balasingham
- 102. The Naga insurgent leader who participated in the peace talks during the 3rd week of January 2003 in Delhi was**  
1) Aaleng Pang                                  2) Isak Chishi Swu  
3) Idobi Singh                                  4) Kaising Patwa
- 103. Who of the following won the Hollywood Foreign Press Association's 'Golden Globe' award for the Best Dramatic Actor in January 2003 ?**  
1) Jack Nicholson                              2) Richard Gere  
3) Gene Hackman                              4) Michael Chiklis
- 104. Sonam Singh won the Gold Medal at the national level and a silver medal in "Sankar's International Children's Award" and received it from the President of India in Delhi on 24 January, 2003. What is the title of the painting she drew ?**  
1) Indian Child                                  2) Bharat Mata  
3) The School                                  4) Indian Bride
- 105. Who was the Chief Guest at the Republic Day Parade on January 26, 2003 ?**  
1) Kamal Kharrazi  
2) Mohammad Ali Shamkhani  
3) Mohammad Khatami    4) Bijam Zagnesh
- 106. Which of the following awards was conferred recently on the 87 year old Quaker from Philadelphia, Dr. George Willoughby, for propagating Gandhian ideals abroad ?**  
1) Indira Gandhi International Award  
2) Jamnalal Bajaj Annual Award  
3) Gandhi Peace Foundation Award  
4) Rajiv Gandhi Sadbhavana Award
- 107. Maqbool Fida Husain, the famous Indian painter wrote a book which was released in Hyderabad on January 19, 2003. What is the title of the Book ?**  
1) Gajagamini                                  2) Al Fida  
3) Zakhm    4) Where Art Thou
- 108. Identify the odd one :**  
1) Michael Elgin                                  2) Kalpana Chawla  
3) Rick Husband                              4) Laurel Clark
- 109. The Appajosyula Vishnubhot Foundation (USA) presented the 'Pratibha Murthi Lifetime Achievement Award – 2003' to**  
1) R. S. Sudarshanam    2) Kolakaluri Enac

- 3) Korlapati Srirama Murthy  
4) Ramalaxmi Arudra
- 110. India successfully test-fired the "Agni" missile on 9th January, 2003. Which of the following is not true about it ?**
- 1) It was fired from Wheeler Island  
2) It is a two - stage missile variant  
3) It is called Agni - I    4) Its range is 1000 km
- 111. The 90<sup>th</sup> Indian Science Congress was held in the first week of January, 2003 at Bangalore. Who of the following was/were the organisers (s) of the Congress ?**
- 1) Indian Space Research Organization  
2) Tata Institute of Fundamental Research  
3) Bangalore University  
4) ISRO and Bangalore University
- 112. Even as Kalpana Chawla was readying for her second voyage in space, NASA had chosen another American Indian, Ms Suneeta Lyn Williams for the International Space Station Expedition - 10. Which of the following is not true about Suneeta ?**
- 1) She is 37 years old  
2) She is serving as a Lieutenant Commander  
3) She is the daughter of Dipak Pandya and Ursaline  
4) She does not have any earlier experience in flying
- 113. The Golden Jubilee celebrations of the Sankaracharya, Jayendra Saraswati's ascension to the Kanchi Kamakoti Peetam started on 21 March, 2003 at Tirumala. Jayendra Saraswati is the**
- 1) 64th Acharya of the Peetam  
2) 68th Acharya of the Peetam  
3) 69th Acharya of the Peetam  
4) 70th Acharya of the Peetam
- 114. Who of the following is the only woman member of the recently elected Chinese Politburo, and who is also the new Chinese Vice premier ?**
- 1) Wu Yi                                    2) Chen Zhili  
3) Li Zhao - xing                        4) Cao
- 115. The English film which bagged the Gollapudi Srinivas National Award for the year 2002 is**
- 1) Gladiator                                2) 10  
3) Let's talk                                 4) The Abyss
- 116. Where was the World Water Forum opened on 16th March, 2003 ?**
- 1) Hong Kong 2) Tokyo 3) Singapore 4) Belgrade
- 117. Hu Jintao, the General Secretary of the Chinese Communist Party and the Chinese Vice-President was elected the 6th President of China on March 15, 2003. Who became the Vice-President of China in Hu's place ?**
- 1) Wu Bangguo                            2) Li Peng  
3) Zeng Qinghong                        4) John Wong
- 118. Who of the following Bollywood actresses is the recipient of a special 'Red and White Bravery Award' for the year 2003 ?**
- 1) Preity Zinta                              2) Shabana Azmi  
3) Madhuri Dixit                         4) Aishwarya Rai
- 119. A bloody war began between USA and Iraq on the 21<sup>st</sup> of March, 2003. What is the old name of Iraq ?**
- 1) Assyria                                    2) Mesopotomia  
3) Turkmenistan                          4) Alexandria
- 120. Billy Bowden, one of the umpires at the World Cup Cricket - 2003, who attracted the attention of the galleries for his eccentric and flamboyant gestures, belongs to**
- 1) England                                  2) Australia  
3) New Zealand                          4) South Africa
- 121. Which of the following statements is not correct ?**
- 1) The 62 year-old former England Cricket captain, Geoff Boycott, is detected with throat cancer  
2) The Gladiator superstar, Russell Crowe, is a native of Fiji and lives in New Zealand  
3) During his visit to India in the first week of March 2003, the German President Johannes Rau, visited the National Remote sensing Agency in Hyderabad  
4) The planet Jupiter was found with 7 more moons recently
- 122. Which of the following organizations announced the Dr. B. C. Roy National Awards recently for 2001 and 2002 in Medicine, Philosophy, Science, Art and Literature ?**
- 1) The Pharmacy Council of India  
2) The National Council for Educational Research and Training  
3) The Government of West Bengal  
4) The Medical Council of India
- 123. The Cuban President, Fidel Castro, the World's longest ruling head of government was once again elected President by the Cuban Parliament on 7th March, 2003. In all, how many terms has he been elected President of Cuba, including the recent one?**
- 1) 10 terms 2) 9 terms 3) 8 terms 4) 6 terms
- 124. The Space Shuttle Columbia's catastrophic break-up on February 1, 2003 killing the seven**

member crew reminds us of the break-up of another space shuttle on January 28, 1986 in Florida, killing exactly the same number of crew. What was the name of the shuttle ?

- 1) Columbia – I                      2) Discovery  
3) Atlantis                              4) Challenger

125. An American missionary, Joseph William cooper was in the news because of an attack on his life in Kerala in January 2003. Which of the following is not true about him?

- 1) He is a bishop in the New Jerusalem universal Church in Ohio  
2) He is a civil engineer by profession  
3) He is a permanent visa holder to stay in India  
4) He belongs to the Pentecostal group

126. If Russia is the largest weapons supplier to India, which of the following countries is the second largest weapons supplier to India ?

- 1) Sweden    2) USA    3) Israel    4) Norway

127. The 2003 Cricket World Cup got off to a spectacular start on 10 February, 2003. Who officially inaugurated the event ?

- 1) Malcolm Gray                      2) Ngconde Balfour  
3) Thabo Mbeki                        4) Sir Garry Sobers

Read the following and answer Q. 128 and 1. 129.

Five Friends A, B, C, D and E went to spend their evening at five different places according to their taste.

- E and A did not go to see a Cricket match or to a Fun-fair
- D and B were not interested in a Fun-fair or a Music programme
- A did not go to a Dance programme and E did not go to see a Painting exhibition
- D did not go to see a Cricket match. Painting does not interest A and B.

128. Who went to a Dance programme ?

- 1) B            2) D            3) A            4) E

129. Which of the following statements is not correct ?

- 1) C went to see a Fun-fair  
2) D was interested in Painting  
3) E did not go to a Fun-fair  
4) A went to a Music programme

130. Form a sensible word with the 1st, 2nd, 3rd, 5th, 7th and 8th letters of the word GRANDSON. Which are the first and last letters of that word ?

- 1) R and N    2) A and G    3) D and N    4) R and D

131. A watchman is standing in a light - house facing north. He turned 135° clockwise, then 315° anti-clockwise. After some time he again turned 45° clockwise. Which direction is he facing now ?

- 1) South - West                      2) North - East  
3) East                                    4) West

132. Find the missing number in the space with the question mark

Fig

- 1) 40            2) 41            3) 39            4) 32

133. Amit's birthday was celebrated on October 22, 1994, a Saturday. What will be the day on his birthday in the year 1996 ?

- 1) Saturday    2) Monday    3) Tuesday    4) Friday

134. The sales of a product go on increasing year after year. On the basis of the following production trends, find out its production for the year 2003.

1998	7
1999	14
2000	28
2001	49
2002	77
2003	?

- 1) 98            2) 119            3) 105            4) 112

135. If the value of CAT = 24, that of DOG = 26, what would be the value of PIG = ?

- 1) 32            2) 25            3) 29            4) 34

136. An army convoy reaches the battlefield from its Head quarters in six hours. It covers the first one-third of the journey at an average speed of 50 km per hour. The next one-third of the journey is covered at 45 km per hour and the last one-third in a hilly zone at 20 km per hour. Find out the total distance covered.

- 1) 250 km    2) 220 km    3) 230 km    4) 240 km

137. A statement is given below followed by four alternative inferences. Select the most appropriate one.

Statement :

Many creative persons become artists.

- 1) Some artists are creative persons  
2) A high level of creativity is needed to become an artist  
3) It is not possible to become an artist without creativity  
4) A creative person will certainly become an artist

138. Introducing a man, a woman says, "His wife is the only daughter of my father." How is that man related to the woman ?

- 1) Brother                              2) Father-in-law  
3) Maternal uncle                    4) Husband

139. Which of the following groups of letters should come in place of the question mark in the series given below ?

AZB; CYD; EXF; ?; IVJ

- 1) GUH            2) GHU            3) GWH            4) GHW



Read the following carefully and answer Q. 140 and Q. 141.

Six books on different subjects viz. Hist Geography, English, Hindi, Economics, Psychology are arranged in a pile necessarily in the same order. Each belongs to a different person and their names are Dinesh, Harish, Viswas, Lalita, Sanjay and Neeta.

The English book is kept on the top and belongs to Dinesh. The Psychology book kept at the bottom and it does not belong to Sanjay or Lalita.

The Economics book belongs to Harish and kept immediately after the Hindi book.

The History book is immediately above Geography book and immediately below Economics book. The Hindi book belongs to Neeta and the History book belongs to Lalita.

140. To whom does the Psychology book belong?

- 1) Neeta 2) Viswas 3) Harish 4) Lalita

141. Which book is the fourth from the bottom

- 1) History 2) Geography  
3) Economics 4) Hindi

142. If  $A = 2$ ,  $M = 26$  and  $Z = 52$ , then  $BET =$

- 1) 44 2) 54 3) 64 4) 72

143. If '+' stands for Multiplication, 'x' stands for Division, '-' stands for Addition and ' ' stands for Subtraction,

What would the following equation stand for?  
 $20 - 8 \times 4 \quad 3 + 2 = ?$

- 1) 41 2) 19 3) 16 4) 18

144. In a certain code, sa re ga ma means "Island of the dead". ga pa re dha means "the end of time". na se ma pa means "its a dead end". If so, which of the following could mean "time of the jackal"?

- 1) sur ga re pa 2) ga sur pa ma  
3) re ga sur dha 4) ga re dha ma

Instructions for Q 145 and Q 146 : Each question contains two statements followed by four conclusions numbered I, II, III, IV. You have to treat the given statements as truths even if they appear at variance with commonly known facts. Read all the conclusions and then decide which of them logically follow from the statements given.

145. Statements :

1. Some stones are minerals.  
2. All plants are stones.

Conclusions :

- I. All stones are plants  
II. Some plants are minerals.  
III. All minerals are stones.  
IV. No mineral is a plant

- 1) Only I and III follow 2) All the four follow  
3) Only II and III follow 4) Either II or IV follows

146. Statements :

1. Some crows are eagles.  
2. Some eagles are sparrows while the rest are dogs.

Conclusions :

- I. Some crows are neither sparrows nor dogs.  
II. Some crows are either sparrows or dogs.  
III. Some eagles are not crows.  
IV. Some dogs are sparrows.

- 1) Only i and II follow 2) Either I or II follows  
3) Only II and III follow 4) Only IV follows

147. Which set of letters when sequentially placed at the gaps in the given letter series shall complete it  
H \_ JH \_ IJHHI \_ HH \_ JH

- 1) IHJI 2) HIHI 3) IHIJ 4) HJHJ

148. The income of a man was first decreased by 50% and then was increased by 50%. The percent change in his income was :

- 1) 0% 2) 75% increase  
3) 25% decrease 4) 25% increase

Instructions for Q 149 and 150 : Find the wrong number in the following series

149. 28, 126, 342, 728, 1331

- 1) 126 2) 342 3) 728 4) 1331

150. 3, 10, 30, 105, 420, 1890

- 1) 10 2) 3 3) 105 4) 1890

**ANSWERS**

- |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 1) 1   | 2) 2   | 3) 3   | 4) 3   | 5) 4   | 6) 1   |
| 7) 2   | 8) 3   | 9) 4   | 10) 4  | 11) 2  | 12) 1  |
| 13) 2  | 14) 4  | 15) 3  | 16) ?  | 17) 2  | 18) 1  |
| 19) 3  | 20) 1  | 21) ?  | 22) 4  | 23) 4  | 24) 1  |
| 25) 1  | 26) 2  | 27) 2  | 28) 1  | 29) 2  | 30) ?  |
| 31) 1  | 32) 2  | 33) 2  | 34) 3  | 35) 2  | 36) 1  |
| 37) 3  | 38) 2  | 39) 1  | 40) 4  | 41) 4  | 42) 4  |
| 43) 1  | 44) 3  | 45) 2  | 46) 3  | 47) ?  | 48) 2  |
| 49) 2  | 50) ?  | 51) 3  | 52) 2  | 53) 4  | 54) ?  |
| 55) 3  | 56) 4  | 57) ?  | 58) ?  | 59) ?  | 60) ?  |
| 61) ?  | 62) 2  | 63) 3  | 64) 4  | 65) 3  | 66) 2  |
| 67) 2  | 68) 3  | 69) 2  | 70) 4  | 71) 2  | 72) 4  |
| 73) 4  | 74) 3  | 75) 3  | 76) 4  | 77) 4  | 78) 2  |
| 79) 1  | 80) 1  | 81) 2  | 82) 3  | 83) 3  | 84) 4  |
| 85) 4  | 86) 1  | 87) 4  | 88) 1  | 89) 2  | 90) 2  |
| 91) 1  | 92) ?  | 93) 4  | 94) 1  | 95) 4  | 96) 2  |
| 97) 2  | 98) ?  | 99) 3  | 100) ? | 101) ? | 102) 2 |
| 103) 2 | 104) ? | 105) 3 | 106) ? | 107) 4 | 108) 1 |
| 109) ? | 110) 3 | 111) 4 | 112) 4 | 113) ? | 114) 3 |
| 115) ? | 116) 2 | 117) 3 | 118) ? | 119) 2 | 120) ? |
| 121) ? | 122) ? | 123) 4 | 124) 4 | 125) ? | 126) 3 |
| 127) 3 | 128) ? | 129) ? | 130) 3 | 131) 1 | 132) 3 |
| 133) 3 | 134) 4 | 135) 1 | 136) 3 | 137) 1 | 138) 4 |
| 139) 3 | 140) 2 | 141) 3 | 142) 2 | 143) 3 | 144) ? |
| 145) 4 | 146) 2 | 147) 1 | 148) 3 | 149) 4 | 150) 3 |

**GROUP - II PRELIMINARY EXAMINATION**  
**GENERAL STUDIES & MENTAL ABILITY - 2001**

1. On which river bank is Ayodhya situated.  
a) Ganges b) Yamuna c) Gomti d) Saryu
2. The most importance feature of Harappa's culture was its.  
a) Script b) Religion c) Art d) Urbanization
3. Identify the odd thing out.  
a) Yadagirigutta b) Simhachalam  
c) Mangalagiri d) Vemulawada
4. Who of the following Gupta rulers was also a musician?  
a) Chandra Gupta I b) Samudra Gupta  
c) Chandra Gupta Vikramdithya II  
d) Skanda Gupta
5. In which year did Jawaharlal Nehru become the President of the India National Congress?  
a) 1927 b) 1928 c) 1929 d) 1930
6. The National Stock Exchange functions from  
a) New Delhi b) Mumbai  
c) Nagpur d) Kolkata
7. Which of the following is the most important small-scale industry in India?  
a) Tiles b) Jute c) Jewellery d) Handloom
8. India's first telephone service in the private sector was launched in 1998 at  
a) New Delhi b) Mumbai  
c) Indore d) Kochi
9. Which of the following states has a sex ratio farthest below the national average?  
a) Tamil Nadu b) Orissa  
c) Punjab d) Andhra Pradesh
10. The Indian Constitution is declared to have been adopted and enacted by the  
a) Constituent Assembly b) Indian Parliament  
c) British Parliament d) People of India
11. Which of the following is not a condition for acquisition of Indian citizenship?  
a) Domicile b) Descent  
c) Registration d) Property
12. How much time does the light from the Sun take to reach the Earth?  
a) 8 minutes b) 8 seconds  
c) 8 hours d) 32 seconds
13. To an astronaut, how does the outer space appear?  
a) White b) Black c) Deep blue d) Crimson
14. Which gas is produced after the decomposition of organic matter in the absence of oxygen?  
a) Carbon dioxide b) Nitrogen  
c) Sulphur dioxide d) Methane
15. Which of the following dynasties began to rule over India after the invasions of Timor?  
a) Khilji dynasty b) Tughlakdynasty  
c) Sayyid dynasty d) Lodi dynasty
16. Which of the following countries is the largest importer from India?  
a) USA b) Canada c) Russia d) Germany
17. Which gas is produced in the process of cracking of crude oil?  
a) CNG b) LPG c) CO<sub>2</sub> d) NO<sub>2</sub>
18. Mahalwari system of revenue settlement was introduced by the British in  
a) Bengal presidency b) Bombay Presidency  
c) Madras Presidency  
d) North-western provinces presidency
19. What is the unit of force?  
a) Kg b) IB c) m d) N
20. Who of the following ministers of the Nizam of Hyderabad was a lover of art and literature?  
a) Mir Alam b) Muneer-ul-Mulk  
c) Salarjung-I d) Salarjung-III
21. Which of the following products provide the highest contribution to the Indian Government in the form of taxes?  
a) Cigarettes b) Liquor c) Oil d) Automobiles
22. Who of the following was the last ruler of the Mauryan dynasty?  
a) Brihadratha b) Dasaratha  
c) Samparati d) Ashoka
23. Which of a the following states in India known for its lowest density of population  
a) Rajasthan b) Sikkim  
c) Goa d) Arunachal pradesh
24. Who of the following was the builder of Siri Fort at Delhi?  
a) Balban b) Alauddin Khilji  
c) Mohammad Bin Tughlak d) Altutmish
25. Which of the following is a Free Trade port in India?  
a) Kandla b) Karaikal c) Cochin d) Quilon
26. Which of the following event or ded the other three?  
a) Jallianwala Bagh Massacre  
b) Chauri Chaura Incident  
c) Rowlatt Act d) Khilafat Movement
27. Who of the following former Presidents of India did not serve as Vice-President earlier?  
a) Neelam Sanjiva Reddy b) V.V. Giri  
c) Zail Singh d) Sayed Amir Ali
28. Which part of the body is affected as a result of Typhoid?  
a) Lungs b) Kidneys c) Heart d) Intestines

- 29. Who of the following emperors bestowed the title 'Asaf Jah' on the Nizam-ul-Mulk of Hyderabad?**  
 a) Farrukh Siyyar                      b) Mohammad Shah  
 c) Ahmad Shah                         d) Alamghir-II
- 30. Which of the following will fall at a faster speed in vacuum?**  
 a) A piece of wood                      b) A ball of iron  
 c) A football                             d) None will fall
- 31. The qualification for appointment as a judge of the Supreme Court is**  
 a) 5 years as a judge of High Court or 10 years as an advocate in a High Court.  
 b) 5 years as an advocate in High Court  
 c) 10 years as an advocate in the Supreme Court  
 d) A Ph.D. Degree in the discipline of Law.
- 32. Which of the following is not included in the Fundamental Rights of the Indian Constitution?**  
 a) Equal Pay for Equal work  
 b) Right against Exploitation  
 c) Right to Equality d) Right to Freedom of Religion
- 33. To which galaxy do we belong?**  
 a) Solar Ststem                         b) Mercury  
 c) Milky Way                             d) Black Holes
- 34. Who of the following leaders passed away in England while attending the Round Table Conference?**  
 a) Hakeem Ajmal Khan                b) Syed Amir Ali  
 c) M.A. Answary                        d) Moulana Mohammad Ali
- 35. Which of the following materials is combustible just on the tip of a safety match sticks?**  
 a) Manganese dioxide                b) Antimony sulphide  
 c) Sulphur                                d) Phosphorus
- 36. What is the chemical formula of ozone?**  
 a) O<sub>3</sub>                                      b) O<sub>2</sub>                                      c) O                                        d) X
- 37. Who of the following Nizams of Hyderabad is said to have participated in the Revolt of 1857?**  
 a) Sikandar Jah                         b) Naseeruddaulah  
 c) Afzaluddaulah                        d) Mir Usman Ali khan
- 38. The unit used for measuring the speed in oceanic navigation is**  
 a) Knot                                      b) Ohm  
 c) Fathom                                 d) Horse Power
- 39. Who of the following rulers was the contemporary of Gautama the Buddha?**  
 a) Ajatasatru                              b) Bindusara  
 c) Asoka                                     d) Kanishka
- 40. Who of the following leaders appealed to the Muslims in India to Join the Indian National Congress**  
 a) Sir Saiyyid Ahmed Khan  
 b) Syed Amer Ali                        c) Sir Agha Khan  
 d) Badruddin Tayyabji
- 41. Who of the following was the last ruler of the Nanda dynasty?**  
 a) Mahapadma Nanda                b) Dhana Nanda  
 c) Sisu Nanda                            d) Aghora Nanda
- 42. Which is the shortest day in the year?**  
 a) December 25                         b) December 24  
 c) December 23                         d) December 22
- 43. If a refrigerator is opener inside a closed room, then**  
 a) The temperature of the room falls  
 b) The temperature of the room remain the same  
 c) The temperature of the room will increase  
 d) None of the aobve will happen
- 44. What is the ore of aluminium known as ?**  
 a) Bauxit                                    b) Haematite  
 c) Calcium                                d) Carbide
- 45. In which Five -Year Plan did the growth rate exceed the target?**  
 a) The First Five-Year Plan  
 b) The Fifth Five -Year Plan  
 c) The Sixth Five - Year Plan  
 d) The Eight Five - Year Plan
- 46. The system of VAT is applicable to**  
 a) Income tax                              b) Estate duty  
 c) Taxes on agricultural income      d) Excise duties
- 47. A proclamation of National Emergency automatically suspends**  
 a) All the Fundamental Rights  
 b) Right to Freedom  
 c) Right to Constitutional Remedies  
 d) Fundamental Duties
- 48. While Hindi is the official language, English has been permitted for official use**  
 a) till 1995                                b) till 2001                                c) till 2010                                d) Indefinitely
- 49. IC chips for computer are usually made of**  
 a) Leaf                                        b) Chromium                                c) Silicon                                 d) Gold
- 50. Which of the following is required for the preparation of alcohol?**  
 a) Protozoa                                b) Fungi                                      c) Bacteria                                d) Viruses
- 51. Birds do not have**  
 a) Nerves                                    b) Eylids  
 c) Sweat glands                            d) Solid bones
- 52. Of the three new states formed in 2000, which one has low mineral wealth?**  
 a) Jharkhand                                b) Uttasranchal  
 c) Chattisgarh                              d) None of the above
- 53. A diesel engine differs from a petrol engine in that it has**

- a) no carburettor                      b) no spark plug  
c) fuel oil instead of petrol    d) All the above
- 54. Which of the following High Courts ruled that the enforcement of Hartal of Bandh by force is unconstitutional?**  
a) Calcutta High Court    b) Kerala High Court  
c) Lucknow High Court    d) Madras High Court
- 55. How many Lok Sabhas had been constitute by the end of 2000?**  
a) Ten            b) Eleven    c) Twelve    d) Thirteen
- 56. The residuary powers of legislation in the case of Jammu and Kashmir belong to**  
a) The Parliament            b) The Governor  
c) The State Legislature  
d) Both the parliament and the Governor
- 57. A person to be qualified to contest in Panchayat elections must have attained the age of**  
a) 21 years    b) 18 years    c) 25 years    d) 30 years
- 58. The Central Marine Fisheries Research Institute is located at**  
a) Chennai    b) Goa            c) Cochin    d) Kolkata
- 59. 'Perini', is a dance form of Sivatanavam which flourished during the times of the kakatiyas. Who of the following dance masters helped revive it in recent times?**  
a) Vdantham Satyanarayana Sarma  
b) Nataraja Ramakrishna  
c) Yamini Krishna Murthy  
d) Radha and Raja Reddy
- 60. During whose times was Rajamahendri. i.e., present town of Rajahmundry build ?**  
a) The Vishnukundins    b) The Kalingas  
c) The Vijayanagar Kings  
d) The Eastern Chalukyas
- 61. According to which of the following 'Venna' the founder of the Kakatiya family?**  
a) Kazipet Inscription    b) Junagarh Inscription  
c) Bayyaram Epigraph    d) Vijayawada Inscription
- 62. During whose region in Andhra Desa, were the gold coins known as 'Mad'?**  
a) The Satavahanas            b) The kakatiyas  
c) The vijayanagara rulers    d) The Chalukyas
- 63. Who of the following well-known telugu poets adorned the court of pedakomati vemareddy?**  
a) Nananyabhattu  
b) Kavisarvabhauma Srinatha  
c) Allasani peddanamatya    d) Errapragada
- 64. Who of the following kings bore the title Mahamandaleswra?**  
a) The Satavahana kings    b) The Chalukya kings  
c) The rastrakuta kings    d) The kakatiya kings
- 65. Who of the following Satavahana kings enlarged the Amaravathi Stupa and constructed a stone railing around the mahachaitya?**  
a) Vasistiputra Satakarni    b) Yuajnasri Satakami  
c) Goutamiputra Satakarni    d) Srimukha
- 66. Who was the Commander-in- chief of the Nizam's Hyderabad State during the police Action?**  
a) Sydney cotton            b) Maj. Gen. T.N. Choudhary  
c) Eledroos                    d) water Monchkton
- 67. The Christian Association of Bellary published the first Telugu journal. What is its name?**  
a) Satyasodhak                b) Satyadoota  
c) Satyanveshi                d) Satyavani
- 68. Who of the following translated dasarathi satakam into English recently?**  
a) Dr. Balamurlikrishna  
b) Dr. S.p. Balasubramaniam  
c) Dr. M.s. Rajaji            d) Dr. Bhanumati ramakrishna
- 69. Who of the following refused the Government of India's Arjuna Award recently?**  
a) Ajit pal                      b) Khajan Singh  
c) Milkha Singh                d) Dinesh Khanna
- 70. Why as roorkee university in the news recently?**  
a) It is accredited to Harward University  
b) It has been made into an IIT  
c) It has bee made a Deemed University  
d) The president of India was made the visitor of the University
- 71. Who of the following has been totally absolved of the cricket-betting scandal recently?**  
a) Mohd. Azharuddin        b) Kapil Dev  
c) Jadeja                        d) Dilip vengsarkar
- 72. Who is the Director of the controversial Tehalka. com?**  
a) Tarun Tejpal                b) Jaya Raj Singh  
c) Jaya Jaitley                d) None of the above
- 73. Who of the following sends fortnightly reports to the president of india about the functioning of a State Government?**  
a) The Governor                b) The Chief Minister  
c) The Speaker of the Legislative Assembly  
d) The Chief Secretary of the State.
- 74. Identify the odd man out.**  
a) Vishwanathan Anand    b) Pullela Gophichand  
c) Pendyala Harikishan    d) Koneru Humpy
- 75. If the Vice-President of India wishes to resign from his office, who should he address his resignation to?**



- a) The President of India  
b) The Speaker of the Lok Sabha  
c) The Dy. Chairperson of the Rajya Sabha  
d) The Prime Minister of India
76. **Who of the following used Britain's Sunday Telegraph and the Indian magazines India Today and Outlook in a criminal case of defamation in the cricket-betting scandal?**  
a) A.C. Muthiah b) Jagmohan Dalmia  
c) Kapil Dev d) Mohd. Azharuddin
77. **On May 20, 2000, the Government of India decided to convert seven cities into 'ecocities'. Which of the following cities is not included in the list?**  
a) Hyderabad b) Bangalore  
c) Ahmedabad d) Bhopal
78. **Who of the following has been presented with the Rajiv Gandhi National Sadbhavana Award 2000?**  
a) Sunil Dutt b) S. Jaipal Reddy  
c) Dilip Kumar d) Vyjayanthimala
79. **One of the most fearless critics of American policy who delivered a series of lectures across the length and breadth of India during November 2001 is**  
a) Myron Wiener b) Granewill Austin  
c) Noam Chomsky d) Norman D. Palmer
80. **The raw material not found in nature is**  
a) water b) Petrol  
c) Vinyl chloride d) Carbon dioxide
81. **Chemically, water is a/an**  
a) Hydride b) Oxide c) Hydroxide d) Peroxide
82. **The human body contains the maximum amount of**  
a) Proteins b) Water c) Fats d) Plasma
83. **We get energy directly from**  
a) The Sun b) The Oceans  
c) Space d) The Atmosphere
84. **Sound cannot travel through**  
a) Vacuum b) Hydrogen gas c) Water d) Steel
85. **The Sun is**  
a) A small star b) A medium-sized star  
c) A big star d) not a star
86. **Which of the following diseases is not caused by bacteria?**  
a) Diphtheria b) Pneumonia  
c) Tuberculosis d) Ringworm
87. **The disease that is caused by virus infection is**  
a) Typhoid b) Cholera  
c) Common cold d) Tetanus
88. **With which of the following ragas do students of Carnatic music begin their first lesson?**  
a) Sri raga b) Mayamalavagowla  
c) Mohana d) Bhimpalasi
89. **Dr. A.P.J. Abdul Kalam resigned from the office of Principal Scientific Adviser to the Government of India on 12 November, 2001. Who replaced him as the Principal Scientific Advisor?**  
a) Dr. R. Chidambaram b) Dr. K. Kasturirangan  
c) Dr. K. Ramachandran d) Dr. D. Narayana Murthy
90. **Where is the C.P. Brown Memorial Trust Library located in Andhra Pradesh?**  
a) Rajamahendravaram b) Kakinada  
c) Cuddapah d) Anantapur
91. **Who of the following is presently the Vice-Chairman of the India Red Cross Society and was elected on 9th November, 2001 as the Vice-President of the International Federation of Red Cross and Red Crescent Societies, Geneva?**  
a) Medha Patkar b) Jaya Jaitley  
c) Murali S. Deora d) Menaka Gandhi
92. **Who of the following won the 'MTV Europe Music Award' for the Best male Singer at the annual event for the world's top pop stars at Frankfurt in November 2001?**  
a) Robbie Williams b) Jennifer Lopez  
c) John Howard d) Kim Beazley
93. **Who of the following is the Director of Bill and Melinda Gates Children's Vaccine Programme which started children's immunization programme in Hyderabad on 9th November, 2001?**  
a) Dr. Mark Kayne b) Mr. Bill Gates  
c) Mrs. Malinda Gates d) Mr. James Cheyne
94. **Which of the following sources of the early period has mentioned about Telugu?**  
a) Rigveda b) Arthashastra  
c) Rajatarangini d) Itareya Brahmana
95. **Who was the founder of the capital city Pataliputra in Imperial Magadha?**  
a) Bimbisara b) Ashoka  
c) Ajatasatru d) Samudra Gupta
96. **The prestigious Dr. Naydamma Memorial Award 2000 was announced on 24 October, 2001, Who got it?**  
a) Dr. V.K. Aatre b) Dr. A.P.J. Abdul Kalam  
c) Dr. P. Chidambaram d) Dr. U.R. Rao
97. **Who was the discoverer of the election?**  
a) Dr. Evangelina Villegas b) P.N. Rasmussen  
c) P.H. Cardoso d) J.J. Thompson

- 98. Who of the following is said to have laid the foundations for learning carnatic music during the 15<sup>th</sup> and 16<sup>th</sup> centuries and was known as karnataka Sangeeta Pitamaha?**  
 a) Kabirdas                      b) Purandara Das  
 c) Ramdas                        d) Thyagaraja
- 99. Which dynasty succeeded the Mauryan dynasty in ancient india?**  
 a) The Kushans                b) The Guptas  
 c) The Shungas                d) The Satavahanas
- 100. The Pentagon, which was attacked by the terrorists on 11 september, 2001 is in the state of**  
 a) New Jersey                b) New York  
 c) Virginia                      d) Michigan
- 101. The Class XI NCERT history text book carrying against a Sikhguru. Who is the author of the book?**  
 a) Satish Chandra            b) S. Gopal  
 c) K.N. Panicker                d) Romila Thapar
- 102. Who of the following founded the Azad Hind Fauj (Indian National Army) in 1942?**  
 a) Abid Hasan                b) Capt. Mohan Singh  
 c) Netaji Subhash Chandra Bose  
 d) Major K. Bhaskaran
- 103. What is 'Enduring Freedom' which is in the news currently?**  
 a) Code name of the US war against terrorism  
 b) Social reform movement in China  
 c) Name of a novel by Harry Potter  
 d) None of the above
- 104. What nuclear fuel does bombarding thorium with neutrons produce?**  
 a) Heavy water                b) Hydrogen sulphide  
 c) uranium -233                d) None of the above
- 105. When did the Saka Era, the traditional Indian era to reckon time start?**  
 a) 78 A.D    b) 273 A.D. c) 660 A.D. d) 23 A.D.
- 106. Who was the winner of the US Grand Prix on September 30, 2001?**  
 a) David Coulthard            b) Barichello  
 c) Mika Hakkinen                d) Michael Schumacher
- 107. The Andhra Pradesh Goernment's Aapadbandhu Scheme is**  
 a) an accident insurance scheme for the people below the poverty line  
 b) a welfare programme for the physically handicapped  
 c) a security scheme for the girl child  
 d) a scheme for urban unemployed youth.
- 108. Who is the Chairman of the Estimates Committee in the Parliament at present?**  
 a) Raj Singh Chauhan  
 b) Umareddy Venkateswarlu  
 c) Yerrannaaidu                d) Bidyuthanth Sinha
- 109. The members of a State Public service Commission are appointed by the Governor. Who of the following has the power to remove them?**  
 a) The Governor himself  
 b) The Chief Justice of the Supreme Court  
 c) The President of India.  
 d) The Chairman of the Union Public Service Commission
- 110. Who was the spiritual head of the Taliban in Afghanistan?**  
 a) Osama-bin-Landen    b) Saddam Hussain  
 c) Yasser Arafat                d) Mullah Mohammad Omar
- 111. Which of the following famous temples in Andhra Pradesh is the**  
 a) Sri Venkateswara Temple-Tirumal  
 b) Sri Narasimha Swamy Temple-Simhahalam  
 c) Sri Laxi-narasimha Swamy Temple-Yadagiri  
 d) Sri Kurmanatha Temple-Srikurmam
- 112. The New York based Australian novelist, Peter Carey won the booker prize for the second time this year on 18 October, 2001 for his novel.**  
 a) Amsterdam                b) Atonement  
 c) True History of the Kelly Gang  
 d) Hotel World
- 113. What is 'Kalaripayattu'?**  
 a) A traditional dance from of Kerala  
 b) An old and traditional form of martial arts in Kerala.  
 c) A traditional folk dance of Tamil Nadu  
 d) The snake-boat of Kerala
- 114. Who of the following Mughal rulers was the first to issue gold coins?**  
 a) Humayun                      b) Akbar  
 c) Aurangzeb                      d) Jahangir
- 115. Who of the following was the foreign minister of the Taliban and was increasingly in the news recently?**  
 a) Ahmad Shah Masood  
 b) Wakil Ahmed Muttawakil  
 c) Mohammad Hassan Akhund  
 d) Mullah Mohammad Omar
- 116. Who of the following Chief Ministers resigned on October 19, 2001 after failing to ensure his/ here election to the state Assembly with in the mandatory period of 6 months as per the Constitution?**

- a) panneer Selvam of Tamil Nadu  
 b) Ms. Jayalalitha of Tamil Nadu  
 c) P. Shanmugham of Pondicherry  
 d) Vilasro Deshmukh of Maharashtra
- 117. In which of the following cities in India are the Victoria Terminus and churchgate Railway Stations located?**  
 a) Kolkata b) Mumbai c) Chennai d) New Delhi
- 118. Which of the following is the highest hills station in Maharashtra?**  
 a) Mahabaleshwar b) Panchagani  
 c) Matheran d) Chikaldara
- 119. The ISRO launched 3 multiple sate llites by PSLV-C3 on October 22, 2001, Which of the following is not one of the three satellites?**  
 a) Technology Experiment Satellite (TES)  
 b) Bispectral and Infra-red Remote Detection (BIRD)  
 c) Statellite Information Taxi (ST)  
 d) Project for On Board Autonomy (PROBA)
- 120. Sri V.S Naipaul won the Nobel Prize for Literature this year. Which of the following novels is not authored by Naipaul ?**  
 a) The Mystic Masseur b) A House of Mr. Biswas  
 c) Miguel Street d) English August
- 121. Which of the following cities hosted the Asia-Pacific Economic Cooperation Summit in October 2001?**  
 a) Beijing b) Singapore  
 c) Shanghai d) Hongkong
- 122. In which year did the first passenger rail service commence between Bombay and thane?**  
 a) 1853 b) 1874 c) 1891 d) 1847
- 123. Who is the Chairman of the Press council of India?**  
 a) S.Kasipandian b) M.A. Zaki  
 c) Justice K. Jayachandra Reddy d) T.V.R. Shenoy
- 124. India i the largest exporter of gems and jewellery. What is her share in the total exports of the world?**  
 a) 17.6% b) 36% c) 27% d) 8.9 %
- 125. Bairam Khan was Akbar's General who defeated Hemu. In which of the following wars was Hemu defeated at the hands of Bairam Khan?**  
 a) First Panipat War b) Second Panipat War  
 c) The war of Buxar d) The War of Chittorgarh
- 126. Azadiracta Indica' is the scientific name of**  
 a) pipal tree b) Teak tree  
 c) Neem tree d) Chilliplant
- 127. With which of the following games is Tiger Woods associated?**  
 a) Snooker b) Golf c) Chess d) Baseball
- 128. Who of the following has been appointed recently as the Vice-chancellor of Dr.B.R. Ambedkar Open University in Andhra Pradesh.**  
 a) Professor V.S. Prasad  
 b) Professor Ravva Srihari  
 c) Professor N.gopi  
 d) Professor Y. Venkatrami Reddy
- 129. At which temperature, at sea level, does water boil in the Fahrenheit scale?**  
 a) 100 degrees b) 104 Degrees  
 c) 212 degrees d) 417 degrees
- 130. Who of the following is the Mayor of New York city who was presented the prestigious honorary knighthood by the Queen of England for his leadership during the WTC tragedy on September 11,2001?**  
 a) Bob Hope b) Coline Powell  
 c) Steven Speilberg d) Rudolph Giuliani
- 131. Where is Keoladeo Ghana National Park located?**  
 a) Similipal in Orissa b) Bharatpur in Rajasthan  
 c) Mudumalai in Tamil Nadu  
 d) Sundarbans in West Bengal
- 132. How did the World Bank categories India in November 2001?**  
 a) "less-indebted country"  
 b) "Moderately indebted country"  
 c) "severely indebted country"  
 d) " not an indebted country"
- 133. Who of the following took over charge as the Chairman of the National School of Drama (NSD) recently?**  
 a) Ms.Jaya Bhaduri Bachchan  
 b) Anupam Kher  
 c) Mithum Chakaravarthy d) Goutam Ghosh
- 134. A Well- known Indian diplomat and statesman, Mr. B.K. nehru died recently. Which of the following is not true about him?**  
 a) He wrote a book titled "Nice Guys Finish Second"  
 b) He served as the Indian Ambassador to the U.S.A  
 c) He was an ICS cadre officer and not in the foreign service cadre.  
 d) He was the younger brother Motilal Nehru.
- 135. Which of the following films produced by Mira nair won the Golden Lion in the Venice Film Festival recently?**

- a) Kamasutra                      b) Salaam Bombay  
c) The Mississippi Masala  
d) Monsoon Wedding
- 136. The train "Prashanti Express" runs between**  
a) Chennai- Visakhapatnam  
b) Visakhapatnam- Bangalore  
c) Secunderabad-Puttaparthi  
d) Secunderabad - Shiridi
- 137. In which of the following states is Dogri spoken?**  
a) Jammu & Kashmir and Himachalpradesh  
b) Punjab                      c) Rajasthan                      d) Sikkim
- 138. Who is the inventor of Polio vaccine?**  
a) Frederick Grant Banting    b) Katherine Frank  
c) Jones Edward Slak            d) Judith Keppel
- 139. Which of the following English works is said to have served as the basic for the novel Rajasekhara Charitra of Kandukuri Veeresha lingam?**  
a) Oliver Twist                      b) A Tale of Two Cities  
c) Tom Sawyer                      d) Vicar of Wakefield
- 140. John Howard, who was elected the Prime Minister of Australia on 10 November, 2001 had served Australia earlier as**  
a) Prime Minister twice  
b) Prime Minister and president once each  
c) President                      d) Prime Minister once
- 141. What is the total number of Cooperative Societies functioning in different fields in Andhra Pradesh, according to the Andhra Pradesh State Cooperative Societies in the state?**  
a) 46,000    b) 55,000    c) 12,000    d) 6,000
- 142. Who of the following was elected unanimously as all-India President of the Indian National Trade Union Congress (INTUC) for its 27th session held at Ranchi in Jharkhand state on 13th November, 2001**  
a) Pavan Singh Ghotover  
b) Ramchandar Khanthia  
c) K.L. Nair                      d) G. Sanjive reddy
- 143. Who of the following has been selected for the Ninth Pratibha Murthi Lifetime Achievement Award for 2000 by the Appajyosyula-Vishnubhotla Foundation of America Inc.?**  
a) P.V. Narasimha Rao    b) Juvvadi Goutama Rao  
c) M.L. Narasimha Rao    d) C. Narayana Reddy
- 144. Where was the 12th International Children's Film Festival inaugurated on 14th November, 2001?**  
a) Hyderabad                      b) Chennai  
c) Mumbai                      d) Bangalore
- 145. Who of the following is the Captain of the English cricket team that visited India during November-December 2001?**  
a) Mike Atherton                      b) Alec Stewart  
c) Nasser Hussain                      d) Andrew Caddick
- 146. The ministerial level WTO conference was held in Doha in the third week of November 2001. In which country is Doha?**  
a) Saudi Arabia                      b) United Arab Emirates  
c) Qatar                      d) Libya
- 147. The Indian Civil Service was introduced during the rule of**  
a) Dalhousie                      b) Curzon  
c) William Bentinck                      d) Cornwallis
- 148. Where did Mahayana Buddhism originate**  
a) Inod- Gangetic Region    b) Andhra REGION  
c) North-Eastern Region    d) Malwa Region
- 149. Who among the following offered maximum resistance to the British?**  
a) Mughals    b) Marathas    c) Rajputs    d) Sikhs
- 150. As water freezes, its temperature**  
a) decreases    b) does not change  
c) increases    d) fluctuates

## ANSWERS

- |        |        |        |        |        |        |
|--------|--------|--------|--------|--------|--------|
| 1. d   | 2. d   | 3. d   | 4. b   | 5. c   | 6. b   |
| 7. d   | 8. b   | 9. c   | 10. d  | 11. d  | 12. a  |
| 13. b  | 14. a  | 15. c  | 16. a  | 17. b  | 18. d  |
| 19. d  | 20. d  | 21. a  | 22. a  | 23. d  | 24. b  |
| 25. a  | 26. c  | 27. a  | 28. d  | 29. b  | 30. d  |
| 31. a  | 32. a  | 33. c  | 34. d  | 35. d  | 36. a  |
| 37. c  | 38. a  | 39. a  | 40. d  | 41. b  | 42. d  |
| 43. c  | 44. a  | 45. d  | 46. d  | 47. b  | 48. d  |
| 49. c  | 50. c  | 51. c  | 52. b  | 53. d  | 54. b  |
| 55. d  | 56. c  | 57. a  | 58. c  | 59. b  | 60. d  |
| 61. c  | 62. b  | 63. b  | 64. d  | 65. b  | 66. c  |
| 67. b  | 68. d  | 69. c  | 70. b  | 71. b  | 72. a  |
| 73. a  | 74. b  | 75. a  | 76. c  | 77. c  | 78. c  |
| 79. c  | 80. c  | 81. c  | 82. b  | 83. a  | 84. a  |
| 85. a  | 86. d  | 87. c  | 88. c  | 89. a  | 90. c  |
| 91. c  | 92. a  | 93. c  | 94. d  | 95. c  | 96. d  |
| 97. c  | 98. d  | 99. c  | 100. c | 101. a | 102. c |
| 103. a | 104. c | 105. a | 106. d | 107. a | 108. b |
| 109. c | 110. d | 111. d | 112. c | 113. b | 114. b |
| 115. b | 116. b | 117. b | 118. a | 119. c | 120. d |
| 121. c | 122. d | 123. c | 124. - | 125. b | 126. c |
| 127. b | 128. a | 129. c | 130. d | 131. b | 132. a |
| 133. b | 134. d | 135. d | 136. b | 137. a | 138. c |
| 139. d | 140. a | 141. - | 142. d | 143. a | 144. a |
| 145. c | 146. c | 147. d | 148. b | 149. b | 150. a |