

Question Booklet and Answer-Keys

Mechanic Composite Instructor

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ENGLISH VERSION

1. ਹੈ, ਹਨ, ਸੀ, ਸਨ ਆਦਿ ਕਿਰਿਆ ਕਿਸ ਰੂਪ ਦੀਆਂ ਹਨ:
 (A) ਸਹਾਇਕ (B) ਸੰਸਰਗੀ (C) ਮੁੱਖ ਕਿਰਿਆ (D) ਅਕਰਮਕ ਕਿਰਿਆ

2. ਪਹਿਲਾਂ ਜੰਮਿਆ ਮੁੰਡਾ
 (A) ਪਲੇਠਾ (B) ਪਹਿਲਾ (C) ਸਭ ਤੋਂ ਵੱਡਾ (D) ਬਹੁਤ ਪਿਆਰਾ

3. 'ਉਹ' ਹੇਠ ਲਿਖਿਆਂ ਵਿੱਚੋਂ ਕਿਹੜਾ ਹੈ:
 (A) ਉਤਮ-ਪੁਰਖ (B) ਮਧਮ-ਪੁਰਖ (C) ਅਨਜ-ਪੁਰਖ (D) ਕੋਈ ਦੁਖ ਨਾ ਹੋਣਾ

4. 'ਝੁੱਗਾ ਚੌੜ ਹੋਣਾ' ਦਾ ਕੀ ਅਰਥ ਹੈ:
 (A) ਮਰ ਜਾਣਾ (B) ਖੁਸ਼ ਹੋਣਾ (C) ਕੋਈ ਦੁਖ ਨਾ ਹੋਣਾ (D) ਤਬਾਹ ਹੋ ਜਾਣਾ

5. ਸ਼ੁੱਧ ਸ਼ਬਦ-ਜੋੜ ਚੁਣੋ:
 (A) ਸਉਰਾ (B) ਸੌਰਾ (C) ਸਹੁਰਾ (D) ਸੂਹਰਾ

Directions (Q.No. 6-8):- Out of the four given options, choose the correct opposite of the words given below:-

6. Ubiquitous
 (A) Magnanimous (B) Rare (C) Easy (D) Sycophant

7. Surreptitious
 (A) Secret (B) Open (C) Tryst (D) Sedentary

8. Officious
 (A) Official (B) Self-effacing (C) Formal (D) Domineering

Directions(Q. No. 9-10):- Out of the four given options, choose the correct preposition to be filled in the gaps:-

9. Rome is conspicuous ___ its architectural marvels.
 (A) with (B) for (C) at (D) in

10. Dhoni is rightly apprehensive ___ his safety.
 (A) for (B) of (C) with (D) from

11. Where is Samadhi of Guru Gobind Singh Situated
 A) Fatehgarh Sahib B) Takhat Sahib C) Anandpur Sahib D) Nanded

12. National Agriculture Food biotechnology institute (NABI) is located at
 A) Ludhiana B) Mohali C) Patiala D) Kapurthala

13. What is the Area of Punjab?
 A) 50,362 (Sq.km) B) 65,342 (Sq.km) C) 45,560 (Sq.km) D) 55,465 (Sq.km)

14. Keerane is associated with which of these
 A) Bride grooms marriage B) Individuals death
 C) Engagement of bride D) Childs birth

15. Akhar 2010 is
A) Bilingual Punjabi English Word Processor
B) Programme to preserve Punjabi as a language at international arena
C) Mission to promote Punjabi as a second language in North India
D) Seminar to be held to honour various personalities of Punjabi literature
16. Barometer was invented by
A) J.L. Baird B) W. Roentgon C) Torricelli D) Thomas Barrow
17. The headquarter of RBI is situated at:
A) Delhi B) Kolkata C) Chennai D) Mumbai
18. Who was the first speaker of the Lok Sabha?
A) Malgaonkar B) P. Upendra
C) Anantha Sayanam Ayyanagar D) Hukam Singh
19. Light Year is a unit of:
A) Intensity of light B) Distance C) Time D) Planetary motion
20. Where did the American Depository Shares (ADS) of Infosys, India's second-largest IT services provider start trading on December 12, 2012?
A) Bombay Stock Exchange B) National Stock Exchange
C) New York Stock Exchange D) Singapore Stock Exchange
21. Choose the odd one out.
A) Father B) Mother C) Aunt D) Cousin
22. If 'dust' is called 'air', 'air' is called 'fire', 'fire' is called 'water', 'water' is called 'colour', 'colour' is called 'rain' and 'rain' is called 'dust', then where do fish live?
A) Fire B) Water C) Colour D) Dust
23. If X is brother of son of Y's son, then how is X related to Y?
A) Brother B) Cousin C) Grandson D) Son
24. Pointing to a photograph, a person tells his friend, "She is the grand daughter of the elder brother of my father." How is the girl in the photograph related to this man?
A) Niece B) Sister C) Aunt D) Sister-in-law
25. Five children are sitting in a row. S is sitting next to P but not T. K is sitting next to R who is sitting on the extreme left and T is not sitting next to K. Who are sitting adjacent to S?
A) K and P B) R and P C) Only P D) P and T
26. George is fifth from the left and Peter is twelfth from the right end in a row of children. If Peter shifts by three places towards George, he becomes tenth from the left end. How many children are there in the row?
A) 21 B) 22 C) 23 D) 24
27. Ramakant walks northwards. After a while, he turns to his right and a little further to his left. Finally, after walking a distance of one kilometer, he turns to his left again. In which direction is he moving now?
A) North B) South C) East D) West

28. Read the trend of characters in the following matrix and find out the missing character.

12	(47)	21
10	(52)	4
64	(?)	24

- A) 16 B) 40 C) 62 D) 83
29. The positions of how many digits in the number 321465987 will remain same when the digits are arranged in ascending order?
 A) None B) One C) Two D) Three
30. Replace the question mark(?) in the given series.
 2, 9, 28, ?, 126, 217, 344
 A) 50 B) 65 C) 70 D) 82
31. $[(125)^2 \div 50 \times 20] \div 25 = ?$
 A) 11 B) 100 C) 150 D) 250
32. Out of three numbers, the first is twice the second and is half of the third. If the average of three numbers is 56, the difference of first and third numbers is:
 A) 12 B) 20 C) 24 D) 48
33. Rajeev's age after 15 years will be 5 times his age 5 years back. What is the present age of Rajeev?
 A) 5 years B) 10 years C) 15 years D) 50 years
34. A sofa set carrying a sale price ticket of ₹ 5000 is sold at a discount of 4%, thereby gaining 20%. The trader's cost price of the sofa set is:
 A) ₹ 3600 B) ₹ 3800 C) ₹ 4000 D) ₹ 4200
35. A and B can do a piece of work in 45 days and 40 days respectively. They began the work together but A leaves after some days and B finished the remaining work in 23 days. After how many days did A leave?
 A) 6 days B) 8 days C) 9 days D) 12 days
36. A thief steals a car at 1.30 p.m. and drives it at 45 km/hr. The theft is discovered at 2 p.m. and the owner sets off in another car at 50 km/hr. He will overtake the thief at:
 A) 3:30 P.M. B) 4 P.M. C) 4:30 P.M. D) 6 P.M.
37. Simple interest on ₹ 500 for 4 years at 6.25% per annum is equal to the simple interest on ₹ 400 at 5% per annum for a certain period of time. The period of time is:
 A) 4 years B) 5 years C) $6\frac{1}{4}$ years D) $8\frac{2}{3}$ years
38. How many metres of carpet 63 cm wide will be required to cover the floor of a room 14 m by 9 m?
 A) 200 m B) 210 m C) 220 m D) 185 m
39. How many times do the hands of a clock coincide in a day?
 A) 20 B) 21 C) 22 D) 24

40. Three measuring rods are 64 cm, 80 cm and 96 cm in length. The least length of cloth that can be measured exact number of times, using any of the rods, is
A) 0.96 m B) 9.60 m C) 19.20 m D) 96 m
41. A teacher should
A) introduce the lesson before he starts teaching B) have command over language
C) have command over his subject D) all of the above
42. Which of the following statements is true?
A) computer aided education can replace a teacher
B) computer aided education can assist a teacher
C) on-line and face-to-face teaching both are effective
D) face-to-face teaching is less effective than on-line teaching
43. A teacher who is not able to draw the attention of his students, should
A) evaluate his teaching method B) resign from the post
C) find fault in the students D) start dictating notes
44. The truest education of the student is that which
A) creates global attitude B) creates rigid national attitude
C) creates rigid religious attitude D) creates anti-religious attitude
45. In the class, as the instructor of the group, a teacher should
A) punish the students B) use abusive language
C) guide the students D) scold the students
46. Your learning is successful if
A) it increases your respect B) it benefits the society
C) it enables you to earn more D) it gives you more power
47. Types of motivation are
A) intrinsic motivation B) extrinsic motivation
C) both of the above D) none of the above
48. The object of examination should be
A) fair evaluation of the performance of students
B) to produce more and more graduates and post-graduates
C) to create good citizens
D) to collect more and more money from the students
49. The curriculum construction in our country is mostly influenced by
A) child's psychology B) teacher's personality
C) family structure D) constitutional provisions
50. Observable behavior which a teacher can use in the class to bring home to the pupils an idea is technically called
A) teaching skills B) communication faculty C) demonstration D) none of these
51. Internet is accessed by
(a) leased line (b) dialup connection (c) ISDN (d) all of the above
52. Output of a program can go to
(a) screen (b) printer (c) both (a) and (b) (d) None of the above

93. The grain size of a grinding wheel is indicated by numbers, which range of grain size referred to as 'Very Fine'
(a) 220 – 600 (b) 80 – 180 (c) 30 – 60 (d) 10 – 24
94. Internal gear cutting operation can be performed by
(a) Milling (b) Shapping with rack cutter
(c) Hobbing (d) Shaping with pinion cutter
95. The grit size for surface grinding is
(a) 10-12 (b) 12-15 (c) 15-25 (d) 40-60
96. The grinding wheel structure is denoted by the number from
(a) 1-25 (b) 1-15 (c) 1-8 (d) 1-5
97. Gears used in watches are manufactured by
(a) Broaching (b) stamping (c) milling (d) grinding
98. The included angle for the acme thread is
(a) 29^0 (b) 27^0 (c) 45^0 (d) 30^0
99. A screw is specified by its
(a) major diameter (b) minor diameter (c) pitch diameter (d) pitch
100. A bolt of M24x2 means
(a) the pitch of the thread is 24mm and depth is 2mm
(b) the cross sectional area of threads is 24mm².
(c) the nominal diameter of the bolt 24mm and pitch is 2mm
(d) none of the above

Answer- Key**Code: MCI-7 (Mechanic Composite Instructor)**

Q.	Ans.	Q.	Ans	Q.	Ans.	Q.	Ans.
1	B	26	D	51	D	76	B
2	A	27	D	52	C	77	A
3	C	28	D	53	D	78	D
4	D	29	D	54	A	79	D
5	C	30	B	55	B	80	C
6	B	31	D	56	D	81	D
7	B	32	D	57	A	82	B
8	B	33	B	58	A	83	B
9	B	34	C	59	C	84	A
10	B	35	C	60	D	85	B
11	D	36	B	61	A	86	C
12	B	37	C	62	A	87	A
13	A	38	A	63	D	88	C
14	B	39	C	64	D	89	C
15	A	40	B	65	B	90	B
16	C	41	D	66	A	91	B
17	D	42	C	67	C	92	C
18	A	43	A	68	B	93	A
19	B	44	A	69	D	94	C
20	C	45	C	70	B	95	D
21	D	46	B	71	C	96	B
22	C	47	C	72	D	97	C
23	C	48	A	73	C	98	A
24	A	49	A	74	C	99	A
25	D	50	A	75	A	100	C