

Question Booklet and Answer-Keys Turner Instructor

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ENGLISH VERSION

- (1) 'ਮੈਂ ਰੋਟੀ ਖਾਂਦੇ ਹੀ ਬਾਹਰ ਨਿਕਲ ਗਿਆ' ਕਿਹੜਾ ਵਾਕ ਹੈ:
 (A) ਮਿਸ਼ਰਤ (B) ਸੰਯੁਕਤ (C) ਸਾਧਾਰਨ (D) ਵਿਸਮਿਕ
- (2) ਪੰਜਾਬੀ ਵਿਚ ਕਿੰਨੇ ਵਿਅੰਜਨ ਅੱਖਰ ਹਨ :
 (A) ਤਿੰਨ (B) ਤੇਤੀ (C) ਪੰਜ (D) ਬੱਤੀ
- (3) ਢਿੱਡੀਂ ਪੀੜਾਂ ਪੈਣੀਆਂ ਦਾ ਕੀ ਅਰਥ ਹੈ :
 (A) ਬਹੁਤ ਹਸਣਾ (B) ਬਹੁਤ ਰੋਣਾ
 (C) ਢਿੱਡ ਦੁਖਣਾ (D) ਪੇਟ ਖਰਾਬ ਹੋਣਾ
- (4) ਭਵਿੱਖਤ-ਕਾਲ ਚੁਣੋ :
 (A) ਹੈ, ਹਨ (B) ਸੀ, ਸਨ (C) ਗਾ, ਗੀ (D) ਨੂੰ, ਨੇ
- (5) ਰੂਪ ਦੇ ਆਧਾਰ 'ਤੇ ਯੋਜਕ ਦੀਆਂ ਕਿੰਨੀਆਂ ਕਿਸਮਾਂ ਹੁੰਦੀਆਂ ਹਨ :
 (A) ਦੋ (B) ਤਿੰਨ (C) ਚਾਰ (D) ਪੰਜ

Directions (Q.No. 6-8):

Out of the four given options, choose the correct preposition to be filled in the blanks:-

6. The Prime Minister acceded _____ the demands of the striking workers.
 (A) to (B) by (C) of (D) with
7. The police is entrusted _____ the enforcement of law and order.
 (A) with (B) of (C) on (D) by
8. He fell a victim _____ his own avarice.
 (A) to (B) with (C) of (D) on

Directions (Q. 9-10):-

Choose the correct synonym of the given word out of the four choices given below:-

9. Palliate
 (A) Assuage (B) Attack (C) Fortify (D) Pontificate
10. Perfunctory
 (A) Desultory (B) Functional (C) Perfect (D) Attractive
11. Who took away the head of Guru Teg Bahadur from Chandni Chowk and where?
 A) Bhai Sewa Singh to Amritsar B) Bhai Kartar Singh to Ropar
 C) Bhai Jaita Singh to Anandpur Sahib D) Bhai Jail Singh to Sri Mukatsar Sahib
12. Which of the following historical place is known as Ucha Pind?
 A) Taxila B) Macchiwara C) Sangol D) Ropar

13. A Sikh who disrespects his hair ('Keshas') is called.....
A) Patit B) Bandi C) Tankhaiya D) Non-Sikh
14. Who composed the song Pagari Sambhal Jatta
A) Kartar Singh Sarabha B) Banke Dayal C) Lal Chand D) Bhagat Singh
15. Punjab leads in the production of which citrus fruit
A) Lemon B) Orange C) Kinnow D) Grapes
16. A great deal of emphasis is laid on the cultivation of soyabean nowadays because
A) it is rich in vitamins B) it is cheap and easier to cook
C) it is a source of high quality protein D) it can be used as a staple food
17. The commission in India dealing with minimum support price, procurement price etc., in connection with agricultural goods is the:
A) Planning Commission B) Agricultural Costs and Price Commission
C) Agricultural Price Commission D) National Marketing Commission
18. Who acts as the President of India when neither the President nor the Vice-President is available?
A) Speaker of Lok Sabha B) Chief Justice of India
C) Auditor General of India D) Senior most Governor of a State
19. Har Dayal was well-known as the leader of:
A) Anshulian Party B) Ghadar Party
C) Swaraj Party D) Hindustan Republican Association
20. The Comptroller and Auditor General (CAG) of India in its incisive audit report noted that India's exchequer suffered a massive loss of 1.86 lakh crore due to the distribution of coal blocks without bidding. The CAG report was tabled in the Parliament on which date?
A) August 17, 2012 B) May 14, 2012 C) July 13, 2012 D) January 14, 2012
21. Choose the odd one out.
A) Run B) Walk C) Think D) Swim
22. In a certain language, '*pre nat bis*' means '*smoking is harmful*', '*vog dor nat*' means '*avoid harmful habit*' and '*dor bis yel*' means '*please avoid smoking*'. Which of the following means '*habit*' in that language?
A) vog B) nat C) dor D) bis
23. A is father of C and D is son of B. E is brother of A. If C is sister of D, how is B related to E?
A) Daughter B) Brother-in-law C) Husband D) Sister-in-law
24. Introducing a man, a woman said, "His wife is the only daughter of my father." How is that man related to the woman?
A) Brother B) Father-in-law C) Maternal uncle D) Husband
25. In an examination, Raj got more marks than Mukesh but not as many as Priya. Priya got more marks than Gaurav and Kavita. Gaurav got less marks than Mukesh but his marks are not the lowest in the group. Who is second in the descending order of marks?
A) Priya B) Kavita C) Raj D) Cannot be determined

26. Six persons A, B, C, D, E and F are standing in a circle. B is between D and C. A is between E and C. F is to the right of D. Who is between A and F?
A) B B) C C) D D) E
27. A river flows west to east and on the way turns left and goes in a semi-circle round a hillock, and then turns left at right angles. In which direction is the river finally flowing?
A) West B) East C) North D) South
28. Read the trend of characters in the following matrix and find out the missing character.

1	3	7
5	12	14
25	?	28
125	192	56

- A) 64 B) 56 C) 48 D) 40
29. How many 6s are there in the following number series, each of which is immediately preceded by 1 or 5 and immediately followed by 3 or 9?
2 6 3 7 5 6 4 2 9 6 1 3 4 1 6 3 9 1 5 6 9 2 3 1 6 5 4 3 2 1 9 6 7 1 6 3
A) None B) One C) Two D) Three
30. Replace the question mark(?) in the given series.
1, 2, 6, 7, 21, 22, 66, 67, ?
A) 70 B) 134 C) 201 D) 301
31. $4\frac{7}{8} \times 2\frac{4}{13} = ?$
A) $11\frac{3}{8}$ B) $11\frac{4}{13}$ C) $11\frac{1}{4}$ D) $11\frac{1}{13}$
32. There were 24 students in a class. One of them, who was 18 years old, left the class and his place was filled up by a newcomer. If the average of the class was thereby lowered by 1 month, the age of the newcomer is:
A) 14 years B) 15 years C) 16 years D) 17 years
33. Fifteen years hence, a man will be just four times as old as he was 15 years ago. His present age is
A) 10 years B) 15 years C) 20 years D) 25 years
34. On selling an article for ₹ 48, one loses 20%. In order to gain 20%, what would be the selling price?
A) ₹ 52 B) ₹ 56 C) ₹ 68 D) ₹ 72
35. 3 men or 5 women can do a work in 12 days. How long will 6 men and 5 women take to finish the work?
A) 4 days B) 10 days C) 15 days D) 20 days

36. If a student walks from his house to school at 5 km/hr, he is late by 30 minutes. However, if he walks at 6 km/hr, he is late by 5 minutes only. The distance of his school from his house is:
A) 2.5 km B) 3.6 km C) 5.5 km D) 12.5 km
37. On a certain sum, the simple interest at the end of $12\frac{1}{2}$ years becomes $\frac{3}{4}$ of the sum. What is the rate per cent per annum?
A) 4% B) 5% C) 6% D) 8%
38. If the length of a rectangle is increased by 20% and its breadth is decreased by 20%, then its area:
A) increases by 4% B) decreases by 4% C) decreases by 1% D) remains unchanged
39. At what time between 7 and 8 o'clock will the hands of a clock be in the same straight line but, not together?
A) 5 min. past 7 B) $5\frac{2}{11}$ min. past 7 C) $5\frac{3}{11}$ min. past 7 D) $5\frac{5}{11}$ min. past 7
40. The greatest number of 4 digits which is divisible by 12, 18, 21, 28 is
A) 9848 B) 9864 C) 9828 D) 9836
41. As a teacher you will demonstrate your impartial behavior by:
A) maintaining high self-esteem B) making your behaviour fair
C) criticizing the system D) criticizing other teachers
42. T.V. is superior to radio as a teaching aid because it:
A) is costly
B) invites two senses-hearing and vision simultaneously leading to more accurate form of learning
C) is generally liked by pupils
D) all the above
43. Education can be better imparted at primary level through
A) mother tongue B) Hindi C) English D) all of above
44. These days proper system for education is advocated in favour of
A) present annual examination system B) examination with book
C) semester system D) objective type question paper
45. Visualization in the instructional process does not increase
A) interest and motivation B) retention and adoption
C) curiosity and concentration D) stress and boredom
46. Learning does not
A) lead to growth of learner B) help learner to adjust with others
C) result in change in behavior of learner D) enhance the personal ego of learner
47. Motivation, in the process of learning
A) makes learners think unidirectionally
B) creates interest for learning among young learners
C) sharpens the memory of learners
D) differentiates new learning from old learning

48. Which of the following is not a characteristic of good achievement test?
A) reliability B) objectivity C) ambiguity D) validity
49. Why is syllabus necessary in school?
A) it helps proper functioning of school B) it makes classroom teaching under control
C) a teacher can plan teaching effectively D) all of the above
50. Moral values can effectively be inculcated among the students when the teacher
A) frequently talks about values B) himself practises them
C) tells stories of great persons D) talks of God and Goddesses
51. Which smaller unit of the CPU performs all arithmetic and logic functions in a computer?
(a) CU (b) ALU (c) processor (d) All of the above
52. A floppy disk contains
(a) circular tracks only (b) sectors only
(c) both circular tracks and sectors (d) none of the above
53. Execution of two or more programs by a single CPU is known as
(a) multiprocessing (b) time sharing
(c) multiprogramming (d) none of the above
54. Bug means
(a) a logical error in a program (b) documenting programs
(c) a difficult syntax error in a program (d) none of the above
55. One thousand bytes represent a
(a) megabyte (b) gigabyte (c) kilobyte (d) none of the above
56. Cutting tool materials should possess high
(a) coefficient of thermal expansion (b) toughness
(c) coefficient of friction (d) chemical and mechanical affinity
57. Which of the following tool material is hardest
(a) carbon steel (b) alloy cast steel
(c) HSS (d) cemented carbide
58. Which cutting fluid is used for turning titanium
(a) dry (b) kerosene based only
(c) soluble oils (d) synthetic coolants
59. Built up edge in the continuous chip is due to
(a) low friction (b) high friction (c) high speed (d) low feed
60. Which of the following lathe is most widely used as a precision lathe
(a) engine lathe (b) speed lathe (c) bench lathe (d) tool room lathe
61. For light cuts and high speed, which lathe is used
(a) speed lathe (b) bench lathe (c) engine lathe (d) tool room lathe
62. Puppet head is second name to
(a) head stock (b) tail stock (c) carriage (d) apron

63. Which of the following type of feed can be obtained manually only on a lathe machine
(a) longitudinal feed (b) cross feed (c) angular feed (d) none of the above
64. The included angle of centres for general purpose is
(a) 60° (b) 75° (c) 90° (d) 110°
65. For taper turning, the centre used is
(a) ordinary centre (b) tipped centre (c) ball centre (d) none of the above
66. Centres are used to hold the workpiece of length
(a) $L > D$ (b) $L > 2D$ (c) $L > 3D$ (d) $L > 4D$
67. Chucks are used to hold the workpiece of length
(a) $L < 4D$ (b) $L < 3D$ (c) $L < 2D$ (d) none of the above
68. Four jaw chucks are specified by
(a) width (b) length (c) diameter (d) none of the above
69. Gripping capacity is more for
(a) independent chuck (b) self centering chuck
(c) both a) and b) (d) none of the above
70. Centering accuracy is lost due to wear of
(a) independent chuck (b) automatic chuck
(c) magnetic chuck (d) none of the above
71. A fixed and movable collars are used to hold a job in
(a) solid mandrel (b) cone mandrel
(c) screwed mandrel (d) gang mandrel
72. Out of the following mandrel which is expansion type
(a) solid (b) cone (c) screwed (d) gang
73. The necking tool's second name is
(a) turning tool (b) threading tool (c) facing tool (d) chamfering tool
74. Profile tool is a name of
(a) turning tool (b) facing tool (c) parting tool (d) forming tool
75. During facing, tool movement is obtained by
(a) saddle (b) cross slide (c) compound slide (d) tool post
76. For internal and external short taper, the taper turning method used is
(a) compound rest (b) form tool (c) tool stock (d) none of above
77. While making large diameter on the head stock side, the dead center is shifted
(a) towards operator (b) away from operator
(c) right to the operator (d) left to the operator
78. While making large diameter on the tail stock side, the dead center is shifted
(a) towards operator (b) away from operator
(c) right to the operator (d) left to the operator

79. Necking is the second name of
(a) parting (b) grooving (c) threading (d) facing
80. The lathe bed is made up of
(a) mild steel (b) alloy steel (c) pig iron (d) cast iron
81. The lathe centres are provided with standard taper known as
(a) Morse taper (b) Seller's taper
(c) Chapman taper (d) Brown and Shape taper
82. A mandrel is used to hold
(a) an eccentric work (b) a thick work (c) a heavy work (d) none of these
83. An operation of producing external conical surface on a workpiece is known as
(a) taper turning (b) plain turning (c) facing (d) step turning
84. The chuck used for setting up of heavy and irregular shaped work should be
(a) magnetic chuck (b) drill chuck
(c) four jaw independent chuck (d) three jaw universal chuck
85. An operation of reducing the diameter of workpiece over a very narrow surface is known as
(a) knurling (b) grooving (c) facing (d) counter boring
86. In which of the following operation on lathe, the spindle speed will be minimum
(a) taper turning (b) parting off (c) knurling (d) thread cutting
87. On lathe, the carriage and tail stock are guided on
(a) same guideway (b) different guideway
(c) any one of the above (d) none of the above
88. The unit of a lathe which houses the lathe spindle and controls levers for speed selection is called a
(a) head stock (b) tail stock (c) carriage (d) feed box
89. Half nut is connected with
(a) locking device (b) quick engaging and disengaging device
(c) thread cutting on lathe (d) milling machine
90. Lathe spindle has got
(a) taper threads (b) external threads (c) internal threads (d) no threads
91. Internal diameters are measured by the
(a) outside micrometer (b) inside micrometer
(c) depth gauge micrometer (d) screw thread micrometer
92. Scrapers are
(a) hardened (b) tempered (c) hardened and tempered (d) none of the above
93. Rough files have teeth
(a) 20 teeth in 25mm (b) 22 teeth in 25mm
(c) 25 teeth in 25mm (d) none of the above

94. Remove lubricating oil from the file surface by
(a) hydrochloric acid (b) sulphuric acid
(c) caustic soda (d) none of the above
95. Tolerance is referred to as
(a) the maximum permissible size
(b) the minimum permissible size
(c) the mean size
(d) the difference between the maximum and minimum sizes
96. A tool may be fail due to
(a) plastic deformation of cutting edge (b) cracking of cutting edge
(c) flank wear (d) all of the above
97. In a universal milling machine, its table can be swiveled upto the angle of
(a) 15° (b) 30° (c) 45° (d) 60°
98. Tapping is a operation of
(a) cutting external threads (b) cutting internal threads
(c) finishing the flat surfaces (d) enlarging the end of hole
99. The purpose of jigs and fixtures is to
(a) increase machining accuracy (b) increase productivity
(c) facilitate inter changeability (d) all of the above
100. Threads can be cut on
(a) lathe machine (b) milling machine (c) both (a) and (b) (d) grinding machine

Answer- Key

Code-TI-11(Turner Instructor)

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