

Question Booklet and Answer-Keys DMC Instructor

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ENGLISH VERSION

1. ਹੱਥਾਂ ਨਾਲ ਲਿਖਿਆ ਪੁਸਤਕ ਮਸਾਲਾ:
(A) ਖਰੜਾ (B) ਸ਼ੋਧ ਪੱਤਰ (C) ਖੋਜ-ਪੱਤਰ (D) ਪੁਸਤਕ
2. ਮਿਣਤੀ-ਵਾਚਕ ਕਿਰਿਆ ਵਿਸ਼ੇਸ਼ਣ ਚੁਣੋ:
(A) ਇੰਜ, ਉੱਝ (B) ਘੱਟ, ਰਤਾ ਕੁ
(C) ਹੌਲੀ ਹੌਲੀ, ਤੇਜ਼ ਤੇਜ਼ (D) ਸਮੇਂ ਸਿਰ, ਕੁਵੇਲੇ
3. 'ਪੁਆਧੀ' ਉਪ-ਭਾਸ਼ਾ ਦੇ ਖੇਤਰ ਹਨ:
(A) ਅਮ੍ਰਿਤਸਰ, ਗੁਰਦਾਸਪੁਰ (B) ਬਠਿੰਡਾ, ਫਰੀਦਕੋਟ
(C) ਰੂਪ ਨਗਰ, ਰਾਜਪੁਰਾ (D) ਜਲੰਧਰ, ਕਪੂਰਥਲਾ
4. ਕਈ ਵਾਕਾਂ ਵਿਚ 'ਹੈ' ਜਾਂ 'ਸੀ' ਇਕੱਲਾ ਸ਼ਬਦ ਹੀ ਕਿਰਿਆ ਦਾ ਰੂਪ ਹੁੰਦਾ ਹੈ, ਉਸਨੂੰ ਕਿਹੜੀ ਕਿਰਿਆ ਕਿਹਾ ਜਾਂਦਾ ਹੈ:
(A) ਅਕਰਮਕ ਕਿਰਿਆ (B) ਸਕਰਮਕ ਕਿਰਿਆ
(C) ਸਹਾਇਕ ਕਿਰਿਆ (D) ਸੰਸਰਗੀ ਕਿਰਿਆ
5. 'ਉਹ ਘਰ ਗਿਆ ਤੇ ਉਸਨੇ ਰੋਟੀ ਖਾਧੀ' ਵਾਕ ਦੀ ਕਿਹੜੀ ਕਿਸਮ ਹੈ:
(A) ਪ੍ਰਸ਼ਨ ਵਾਚਕ (B) ਮਿਸ਼ਰਤ (C) ਸਾਧਾਰਨ (D) ਸੰਯੁਕਤ

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

6. Imprecation
(A) Bless (B) Imprecise (C) Precise (D) Criticize
7. Intransigent
(A) Cruel (B) Compliant (C) unyielding (D) Stubborn
8. Mulish
(A) Obedient (B) Patronizing (C) Docile (D) Stubborn

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

9. Previous ____ this incident, everything was fine in our college.
(A) by (B) of (C) from (D) to
10. He was consigned ____ a debtor's prison.
(A) to (B) of (C) with (D) at
11. Who killed subedar wazir khan, murderer of Guru Gobind Singh's Sons?
A) Banda Bairagi B) Banda Bahadur C) Banda Baidwan D) Banda Bhim Singh

12. The "Cotton Belt" of Punjab is located in which Physiographic region of Punjab?
A) Doaba B) Malwa C) Majha D) Bet
13. Where is the Sikh Heritage Complex Developed?
A) Mansa B) Amritsar C) Ropar D) Anandpur Sahib
14. Whom did Madan Lal Dhingra Murder in 1909
A) Curzon wylie B) Lord Curzon C) Morley D) Lord Minto
15. Out of the following which is not worn on the head?
A) Mauli B) Kalgi C) Mukat D) All of above
16. Diabetes is caused due to the malfunctioning of
A) liver B) kidneys C) pancreas D) spleen
17. Disinvestment is:
A) Offloading of shares of private companies to government
B) Offloading of government shares to private companies
C) Increase in investment
D) Closing down of business concerns
18. To whom does a Judge of the Supreme Court address his resignation if he wants to leave office before his term is complete?
A) Chief Justice of India B) Prime Minister C) President D) Union Law Minister
19. Simon Commission visited India during the
A) Civil Disobedience Movement B) Non-Cooperation Movement
C) Swadeshi Movement D) Quit India Movement
20. Who among the following leaders was re-elected General Secretary of CPI (M) for the third consecutive term at the party's 20th Congress, which took place at Kozhikode?
A) Brinda Karat B) Prakash Karat C) Sitaram Yechury D) A.B. Bardhan
21. Choose the odd one out.
A) Iron B) Potassium C) Sodium D) Chlorine
22. On another planet, the local terminology for 'earth', 'water', 'light', 'air' and 'sky' are 'sky', 'light', 'air', 'water' and 'earth' respectively. If someone is thirsty there, what would he drink?
A) Light B) Air C) Sky D) Water
23. A is the uncle of B, who is the daughter of C and C is the daughter-in-law of P. How is A related to P?
A) Brother B) Son C) Son-in-law D) Data inadequate
24. Introducing a man to her husband, a woman said, "His brother's father is the only son of my grandfather." How is the woman related to this man?
A) Mother B) Aunt C) Sister D) Daughter
25. D is taller than C and E. A is not as tall as E. C is taller than A. D is not as tall as B. Who among them is next to the tallest one?
A) A B) D C) B or D D) Data inadequate

26. In a row of forty children, P is thirteenth from the left end and Q is ninth from the right end. How many children are there between P and R if R is fourth to the left of Q?
A) 12 B) 13 C) 14 D) 15
27. Deepak starts walking straight towards east. After walking 75 metres, he turns to the left and walks 25 metres straight. Again he turns to the left, walks a distance of 40 metres straight, again he turns to the left and walks a distance of 25 metres. How far is he from the starting point?
A) 25 metres B) 50 metres C) 115 metres D) None of these
28. Read the trend of characters in the following matrix and find the missing character.

31	17	58	87
68	19	61	56
91	22	70	50
10	142	11	?

- A) 3 B) 6 C) 7 D) 9
29. If the following series is written in the reverse order, which number will be fourth to the right of the seventh number from the left?
7, 3, 9, 7, 0, 3, 8, 4, 6, 2, 1, 0, 5, 11, 13
A) 0 B) 5 C) 9 D) 11
30. Replace the question mark(?) in the given series.
4, 6, 9, $13\frac{1}{2}$, ?
A) $17\frac{1}{2}$ B) 19 C) $20\frac{1}{4}$ D) $22\frac{3}{4}$
31. $999\frac{995}{999} \times 999 = ?$
A) 990809 B) 998996 C) 998999 D) 999824
32. The average weight of A, B, C is 45 kg. If the average weight of A and B is 40 kg and that of B and C is 43 kg, then the weight of B is:
A) 17 kg B) 20 kg C) 26 kg D) 31 kg
33. A man's age is now three times that of his son. In 15 years, it will be double that of his son. The present age of the son is:
A) 15 years B) 18 years C) 21 years D) 24 years
34. By selling 33 m of cloth Ramesh gained the cost price of 11 m. The gain percent is
A) 10% B) 20% C) 25% D) None of these
35. A and B together can complete a piece of work in 8 days while B and C together can do it in 12 days. All the three together can complete the work in 6 days. In how much time will A and C together complete the work?
A) 8 days B) 10 days C) 12 days D) 20 days

36. Two cars start at the same time from one point and move along two roads at right angles to each other. Their speeds are 36 km/hr and 48 km/hr respectively. After 15 seconds, the distance between them will be
A) 150 m B) 250 m C) 300 m D) 400 m
37. The sum of money that will give ₹1 as simple interest per day at the rate of 5% per annum, is:
A) ₹ 730 B) ₹ 3650 C) ₹ 7300 D) ₹ 36500
38. The length of a rectangular plot is $4\frac{1}{2}$ times that of its breadth. If the area of the plot is 200 square metres, then what is its length?
A) 25 m B) 62 m C) 27 m D) None of these
39. A clock is started at noon. By 10 minutes past 5, the hour hand has turned through:
A) 145° B) 150° C) 155° D) 160°
40. What is the least number which when divided by 20, 25, 35, 40 leaves respectively 14, 19, 29, 34 as a remainder?
A) 1394 B) 1404 C) 1406 D) 1664
41. The most honest psychological function of the teacher is that he should
A) inculcate spirit of nationalism B) develop community feelings
C) develop racial feelings D) creates faith in the unity of all lives
42. When you make a mistake while teaching and students point out it sharply, then what will you do?
A) become angry B) feel sorry and rectify the mistake
C) scold the students D) do not teach the class for a week
43. The criteria for selecting appropriate audio-visual aids are:
A) on basis of learning objective B) suitability to curriculum
C) both A and B D) none of these
44. The first important step in teaching is
A) planning B) organizing the material to be taught
C) knowing the background of students D) none of above
45. The modern education system is characterized by
A) socially acceptable behavior B) personal adequacy and independence
C) sound system of ethical values D) adequate behavior
46. Atmosphere for learning should be
A) quiet B) noisy C) adverse D) social
47. A creative learner refers to one who is
A) capable of scoring consistently good marks in tests
B) good at the lateral thinking and problem solving
C) very talented in painting and drawing
D) highly intelligent
48. How the students should be motivated to get success in life?
A) selected study B) incidental study C) intensive study D) learning recitation

49. The terms 'Evaluation' and 'Assessment' could be differentiated as follows:
A) Assessment is an attempt to measure the pupil as a whole whereas evaluation is concerned with his achievements
B) Assessment is limited to achievements whereas evaluation is qualitative in character
C) Evaluation is concerned with the effective aspects of achievements whereas Assessment judges the cognitive aspect
D) Evaluation involves the measurement as well as diagnosis of student's achievements whereas Assessment is concerned with only scholastic achievements.
50. Too much liberty given to the students creates
A) ideal atmosphere for teaching B) ideal atmosphere for learning
C) indiscipline in the classroom D) no problem in the classroom
51. The drawing for building work can be best made in
(a) Auto CAD (b) MS Word (c) Excel Sheets (d) STADD
52. The Data Storage capacity of a PC is designated by
(a) RAM (b) mpbs (c) GB (d) i -5
53. If you need to do calculation work , you will use
(a) MS word (b) MS Excel (c) MS Power point (d) Auto CAD
54. A multi-function printer can do the following
(a) Printing in B/W and colour (b) Printing and scanning
(c) Print , scan and photocopy (d) Print , scan , photocopy and fax
55. If you need to work with large number of figures and photographs , you should have :
(a) High end processor (b) Higher RAM
(c) both (a) and (b) (d) Both (a) and (b) alongwith a graphic card
56. The difference between the rhombus and square is made on the basis of
(a) Angle (b) side (c) diagonals (d) any of (a) and (c)
57. Top view and side view of a cone shall be
(a) a point and a triangle (b) A circle and a triangle
(c) A circle and a rectangle (d) a circle and a square
58. A brick cut into two parts lengthwise is known as
(a) King Closer (b) Queen closer (c) Half brick (d) brick bat
59. One course is header and another is stretcher in
(a) English bond (b) Flemish bond
(c) Herring bone band (d) Flemish Garden bond
60. The wall constructed above the roofs upto 90 cm height for safety are known as:
(a) Coping (b) Sun shade (c) Parapet (d) Corbel
61. The soft and light coloured material surrounding heart wood is called
(a) Sap wood (b) Cambium (c) Pith (d) seasoned wood

62. The foundation failure is said to have occurred if
(i) There is unequal settlement of foundation
(ii) If there is excessive settlement
(iii) If there is lateral escape of soil from under the foundation
(a) Both (i) and (ii) are true (b) all statements are correct
(c) only (i) and (iii) are correct (d) only (ii) and (iii) are correct
63. Dead load of brick work in cement mortar is taken approximately as
(a) 16 kN/m^3 (b) 19 kN/m^3 (c) 21 kN/m^3 (d) 24 kN/m^3
64. When a Pillar is to be constructed near border of the land, the type of footing suitable is
(a) Pile (b) Cantilever type (c) Combined (d) Stepped
65. Most common method of damp proofing a building against ground moisture is
(a) DPC at Plinth level at wall (b) DPC below floor
(c) A cavity wall (d) A membrane below floor
66. For a dance room the type of flooring preferred is:
(a) Timber (b) Mosaic (c) Anti-skid tiles (d) PVC
67. The upper surface of the Arch is known as:
(a) Extrados (b) Intrados (c) Springer (d) crown
68. Lintels with girders are used when
(a) Loads are large (b) when span is very large
(c) When height is large (d) All of these
69. Tenon & Mortice joints are used:
(a) Door frames (b) Doors & Windows (c) False Ceiling (d) for corners
70. Scarfing joint is used in:
(a) Lengthening (b) Lap joint (c) Carpentry joint (d) Bearing joint
71. When the two ends that join are inclined to form a corner joint, it is termed as :
(a) Butt joint (b) Rebated joint (c) Miter joint (d) Tongued and Butt joint
72. The length of hold fast for fixing door frame is
(a) 25 cm (b) 30 to 50 cm (c) 40 to 60 cm (d) 10 to 15 cm
73. Marble istype of rock
(a) Sedimentary (b) Igneous (c) Metamorphic (d) Modified
74. Rubble stone masonry is suitable for
(a) Retaining walls (b) Bridge approaches (c) Piers of bridges (d) both (a) & (b)
75. For mass concrete in foundations, the suitable type of mortar is made of Cement and sand in the ratio
(a) 1: 3 (b) 1: 4 (c) 1 : 6 (d) 1:4 to 1: 6
76. Cement Mortar should be used within a specified time period which is :
(a) 4- 6 hrs (b) 2 hrs
(c) before initial setting time of cement (d) before final setting time of cement

77. A Flush door is made of:
(a) Wooden panels (b) Panels with top and bottom rail
(c) Wooden planks (d) Plywood
78. A window that projects outside the room is called
(a) Bay Window (b) Dormer window
(c) projecting window (d) Lantern window
79. Platform between two flights is called
(a) Baluster (b) landing (c) Spandrill (d) Base
80. For stone masonry, the suitable type of pointing is
(a) Flush (b) Struck (c) Vee (d) Beaded
81. The total width of a road portion carrying traffic is called :
(a) Carriageway width (b) Roadway width
(c) Highway cross -section (d) none of the above
82. This type of scaffolding is completely independent of wall
(a) Brick-layer's (b) Mason's (c) Ladder (d) Cantilever
83. The granular base for a main road in city can be
(a) Wet Mix Macadam (b) GSB
(c) Water Bound Macadam (d) Either of (a) and (c)
84. The camber on a bituminous road is
(a) 2 % (b) 2.5 % (c) 2.5 to 4 % (d) 5 %
85. Width of construction layer for a Single broad gauge track is
(a) less when in cutting (b) less when in embankment
(c) same for both cases (d) depends on slope of ballast
86. The Abutments are constructed in the following type of culverts
(a) Box type (b) Slab type (c) Arch type (d) Both (b) and (c)
87. Reduced level of turning point is determined as
(a) Height of instrument + Foresight (b) Height of instrument - Foresight
(c) Height of instrument + Backsight (d) Height of instrument - Backsight
88. The following are characteristics of contour lines :
(i) they represent points of same levels
(ii) Contour lines at similar intervals indicate a uniform slope
(iii) Contour lines at higher intervals indicate plane land
(iv) When contour lines are closer they indicate mild slope
Which of the above statement is not correct
(a) i (b) ii (c) iii (d) iv
89. For factories and workshops the type of wiring most suitable is
(a) C.T.S. (b) Lead sheathed
(c) Conduit wiring on surface (d) conduit wiring underground

90. A shower is usually fitted at a height m above floor level
(a) 1.90 (b) 2.0 (c) 1.75 (d) 1.8 to 1.9
91. A causeway is a bridge that is used for
(a) carrying pedestrian traffic (b) over the sewer lines
(c) can get submerged during flood water (d) none of these
92. When the difference between canal and natural drain levels are very small then the suitable type of aqueduct is
(a) Slab type (b) Syphon type (c) Pipe type (d) Super passage is required
93. Welded or riveted pipe joints are used in
(a) Factories (b) houses (c) hotels (d) swimming pools
94. Cover to reinforcement is required to
(a) protect against corrosion (b) such that there is firm grip
(c) just for aesthetic reasons (d) all of these
95. When overlap joint is provided, the overlapping length should be
(a) 20 to 25 D (b) 30 to 40 D (c) 40 to 45 D (d) 45 to 50 D
96. Margin in riveting is
(a) c/c distance between two successive rivets
(b) distance between top and bottom of plates riveted
(c) distance of centre of rivet from end of plate
(d) distance of end of plate to nearer side of rivet
97. The concrete work quantities are usually estimated in m^3 except for following :
(a) Terrace work in roofs (b) Cladding (c) foundation works (d) Flooring
98. When detailed drawings are not available Plinth area can be estimated as times the floor area
(a) 1.25 (b) 1.2 to 1.30 (c) 1.3 to 1.4 (d) 1.50
99. For the purpose of tendering, the type of estimate required is
(a) detailed (b) Plinth area estimate
(c) Cube rate estimate (d) Abstract of quantities
100. A rockfill and earthen dam shall have
(a) earthen fill on u/s side and stone pitching on d/s side
(b) earthen fill on d/s side and stone pitching on u/s side
(c) earthen fill inside and stone pitching on both u/s and d/s side
(d) earthen fill on top and stone pitching on bottom

Answer- Key
Code-DMCI-1(DMC Instructor)

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