

RRB NTPC CBT-1 Mock Paper 10

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Pattern: 100 questions, 90 minutes, 1 mark each, 1/3 negative marking for each wrong answer.

Section distribution: General Awareness 40, Mathematics 30, Reasoning 30.

Instructions: Attempt the paper in exam-like conditions. For mock tests, complete the paper before checking the answer key.

General Awareness

1. Which is the longest bone in the human body?
(A) Radius (B) Femur (C) Humerus (D) Tibia
2. The pH value of pure water at room temperature is:
(A) 7 (B) 9 (C) 5 (D) 3
3. Which Indian state is known as the Spice Garden of India?
(A) Assam (B) Kerala (C) Odisha (D) Punjab
4. Which amendment lowered the voting age from 21 to 18?
(A) 61st Amendment (B) 42nd Amendment (C) 44th Amendment (D) 73rd Amendment
5. The book Discovery of India was written by:
(A) Jawaharlal Nehru (B) Mahatma Gandhi (C) B. R. Ambedkar (D) R. K. Narayan
6. Which is the largest gland in the human body?
(A) Thyroid (B) Pituitary (C) Liver (D) Pancreas
7. Which gas is used by plants during photosynthesis?
(A) Hydrogen (B) Oxygen (C) Nitrogen (D) Carbon dioxide
8. Which country hosted the G20 Summit in 2023?
(A) Brazil (B) India (C) Italy (D) Japan
9. Chandrayaan-3 landed near which region of the Moon?
(A) Equator (B) South polar region (C) North polar region (D) Far side equator
10. Which Indian city is associated with the Integral Coach Factory?
(A) Varanasi (B) Kolkata (C) Bhopal (D) Chennai
11. The Election Commission of India is responsible for conducting:
(A) Parliament and State Assembly elections (B) Only cooperative elections (C) Only school elections
(D) Only local body elections
12. Which is the largest ocean in the world?
(A) Indian Ocean (B) Arctic Ocean (C) Pacific Ocean (D) Atlantic Ocean
13. The term GDP stands for:
(A) General Domestic Price (B) General Distribution Product (C) Gross Development Plan (D) Gross Domestic Product
14. Which part of the plant conducts photosynthesis mainly?
(A) Root (B) Leaf (C) Stem (D) Flower
15. Which instrument is used to measure atmospheric pressure?
(A) Hygrometer (B) Thermometer (C) Barometer (D) Ammeter
16. Which Mughal emperor built the Red Fort in Delhi?
(A) Shah Jahan (B) Aurangzeb (C) Babur (D) Akbar
17. Which is the constitutional head of a state in India?
(A) Chief Minister (B) Chief Secretary (C) Speaker (D) Governor
18. Which is the national aquatic animal of India?
(A) Crocodile (B) Olive Ridley Turtle (C) Blue Whale (D) Ganges River Dolphin
19. Which blood group is commonly called universal donor?
(A) O negative (B) B negative (C) AB positive (D) A positive
20. Who is known as the Father of the Indian Constitution?
(A) Sardar Patel (B) B. R. Ambedkar (C) Mahatma Gandhi (D) Jawaharlal Nehru
21. Which article of the Indian Constitution deals with equality before law?
(A) Article 19 (B) Article 14 (C) Article 32 (D) Article 21
22. The headquarters of the United Nations is located in:
(A) Rome (B) Paris (C) Geneva (D) New York
23. The first Indian satellite launched in 1975 was:
(A) INSAT-1A (B) Rohini (C) Aryabhata (D) Bhaskara

24. Which planet is known as the Red Planet?
(A) Mercury (B) Mars (C) Venus (D) Jupiter
25. The largest state of India by area is:
(A) Madhya Pradesh (B) Uttar Pradesh (C) Maharashtra (D) Rajasthan
26. The river Ganga originates from:
(A) Gangotri Glacier (B) Yamunotri Glacier (C) Siachen Glacier (D) Zemu Glacier
27. The Battle of Plassey was fought in:
(A) 1526 (B) 1764 (C) 1757 (D) 1857
28. Who wrote the national song Vande Mataram?
(A) Subhas Chandra Bose (B) Sarojini Naidu (C) Bankim Chandra Chatterjee (D) Rabindranath Tagore
29. Which gas is most abundant in Earth's atmosphere?
(A) Hydrogen (B) Carbon dioxide (C) Nitrogen (D) Oxygen
30. The Indian Railways was nationalised in:
(A) 1956 (B) 1947 (C) 1961 (D) 1951
31. Which city is known as the Silicon Valley of India?
(A) Hyderabad (B) Bengaluru (C) Chennai (D) Pune
32. The Finance Commission is constituted under which article?
(A) Article 324 (B) Article 356 (C) Article 368 (D) Article 280
33. Which schedule of the Constitution contains languages?
(A) Eighth Schedule (B) Tenth Schedule (C) Fifth Schedule (D) Seventh Schedule
34. Where is the headquarters of ISRO located?
(A) Hyderabad (B) Sriharikota (C) New Delhi (D) Bengaluru
35. Which is the smallest union territory of India by area?
(A) Chandigarh (B) Delhi (C) Lakshadweep (D) Puducherry
36. Who was the first President of India?
(A) Dr. S. Radhakrishnan (B) Zakir Husain (C) V. V. Giri (D) Dr. Rajendra Prasad
37. Which is the highest civilian award in India?
(A) Padma Vibhushan (B) Param Vir Chakra (C) Padma Bhushan (D) Bharat Ratna
38. The main source of energy for Earth is:
(A) Sun (B) Ocean tides (C) Moon (D) Wind
39. Which vitamin is produced in the skin in sunlight?
(A) Vitamin B12 (B) Vitamin K (C) Vitamin D (D) Vitamin A
40. The chemical formula of water is:
(A) NaCl (B) O₂ (C) CO₂ (D) H₂O

Mathematics

41. Divide Rs. 90 in the ratio 2:7. What is the first share?
(A) 22 (B) 70 (C) 20 (D) 13
42. Simplify: $28 + 33$.
(A) 5 (B) 924 (C) 61 (D) -5
43. What is 15% of 28?
(A) 9 (B) 6 (C) 4 (D) 3
44. Find the LCM of 15 and 19.
(A) 1 (B) 285 (C) 300 (D) 266
45. A shopkeeper buys an article for Rs. 270 and gains 30%. Find the selling price.
(A) 361 (B) 240 (C) 351 (D) 341
46. A train covers 170 km at 57 km/h. Approximate time taken is:
(A) 3 hours (B) 5 hours (C) 2 hours (D) 4 hours
47. If $x = 11$, find $2x + 5$.
(A) 24 (B) 22 (C) 17 (D) 27
48. Find the area of a rectangle with length 17 cm and breadth 11 cm.
(A) 204 sq cm (B) 56 sq cm (C) 176 sq cm (D) 187 sq cm
49. Divide Rs. 216 in the ratio 5:7. What is the first share?
(A) 83 (B) 90 (C) 126 (D) 95
50. Simplify: $52 + 41$.
(A) 11 (B) 93 (C) 2132 (D) 253
51. What is 5% of 36?

- (A) 3 (B) 2 (C) 6 (D) 0
52. Find the LCM of 23 and 27.
(A) 1 (B) 644 (C) 621 (D) 594
53. A shopkeeper buys an article for Rs. 326 and gains 10%. Find the selling price.
(A) 358 (B) 368 (C) 316 (D) 348
54. A train covers 250 km at 35 km/h. Approximate time taken is:
(A) 7 hours (B) 8 hours (C) 6 hours (D) 9 hours
55. If $x = 15$, find $4x + 5$.
(A) 55 (B) 60 (C) 64 (D) 65
56. Find the area of a rectangle with length 10 cm and breadth 7 cm.
(A) 34 sq cm (B) 80 sq cm (C) 70 sq cm (D) 63 sq cm
57. Divide Rs. 170 in the ratio 3:7. What is the first share?
(A) 44 (B) 54 (C) 51 (D) 119
58. Simplify: $26 + 49$.
(A) 1274 (B) -23 (C) 75 (D) 23
59. What is 20% of 44?
(A) 7 (B) 10 (C) 13 (D) 9
60. Find the LCM of 13 and 35.
(A) 420 (B) 455 (C) 468 (D) 1
61. A shopkeeper buys an article for Rs. 382 and gains 20%. Find the selling price.
(A) 448 (B) 362 (C) 468 (D) 458
62. A train covers 150 km at 43 km/h. Approximate time taken is:
(A) 4 hours (B) 3 hours (C) 5 hours (D) 2 hours
63. If $x = 26$, find $6x + 5$.
(A) 161 (B) 162 (C) 151 (D) 156
64. Find the area of a rectangle with length 18 cm and breadth 15 cm.
(A) 288 sq cm (B) 66 sq cm (C) 255 sq cm (D) 270 sq cm
65. Divide Rs. 208 in the ratio 6:7. What is the first share?
(A) 96 (B) 89 (C) 102 (D) 112
66. Simplify: $50 + 17$.
(A) 850 (B) 243 (C) 67 (D) 33
67. What is 10% of 52?
(A) 4 (B) 7 (C) 10 (D) 5
68. Find the LCM of 21 and 19.
(A) 1 (B) 399 (C) 380 (D) 420
69. A shopkeeper buys an article for Rs. 138 and gains 30%. Find the selling price.
(A) 179 (B) 169 (C) 108 (D) 189
70. A train covers 230 km at 51 km/h. Approximate time taken is:
(A) 7 hours (B) 5 hours (C) 6 hours (D) 4 hours

General Intelligence and Reasoning

71. Find the next number: 2, 7, 12, 17, ?
(A) 22 (B) 17 (C) 24 (D) 27
72. LM : NO :: PQ : ?
(A) RS (B) QR (C) OP (D) ST
73. If POINT is written in reverse order, what will it be?
(A) TPOIN (B) TNIOP (C) OINTP (D) INOPT
74. Find the odd one out.
(A) Mango (B) Potato (C) Apple (D) Banana
75. If square means multiplying a number by itself, what is the square of 8?
(A) 56 (B) 72 (C) 64 (D) 16
76. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) North (B) West (C) East (D) South
77. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?
(A) Daughter (B) Mother (C) Sister (D) Aunt
78. Find the next number: 4, 9, 14, 19, ?

- (A) 26 (B) 24 (C) 19 (D) 29
79. AB : CD :: EF : ?
(A) FG (B) DE (C) HI (D) GH
80. If BRAVE is written in reverse order, what will it be?
(A) RAVEB (B) EVARB (C) EBRAV (D) ABERV
81. Find the odd one out.
(A) Banana (B) Mango (C) Potato (D) Apple
82. If square means multiplying a number by itself, what is the square of 9?
(A) 90 (B) 18 (C) 72 (D) 81
83. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) East (B) South (C) North (D) West
84. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?
(A) Sister (B) Daughter (C) Aunt (D) Mother
85. Find the next number: 6, 11, 16, 21, ?
(A) 28 (B) 31 (C) 21 (D) 26
86. HI : JK :: LM : ?
(A) MN (B) NO (C) KL (D) OP
87. If TRAIN is written in reverse order, what will it be?
(A) NIART (B) RAIN T (C) AINRT (D) NTRAI
88. Find the odd one out.
(A) Potato (B) Apple (C) Mango (D) Banana
89. If square means multiplying a number by itself, what is the square of 4?
(A) 8 (B) 12 (C) 16 (D) 20
90. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) East (B) South (C) West (D) North
91. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?
(A) Sister (B) Daughter (C) Mother (D) Aunt
92. Find the next number: 3, 8, 13, 18, ?
(A) 28 (B) 18 (C) 23 (D) 25
93. OP : QR :: ST : ?
(A) TU (B) VW (C) RS (D) UV
94. If CLOCK is written in reverse order, what will it be?
(A) KCOLC (B) KCLOC (C) CCKLO (D) LOCKC
95. Find the odd one out.
(A) Banana (B) Mango (C) Potato (D) Apple
96. If square means multiplying a number by itself, what is the square of 5?
(A) 20 (B) 30 (C) 25 (D) 10
97. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?
(A) South (B) North (C) East (D) West
98. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?
(A) Sister (B) Mother (C) Daughter (D) Aunt
99. Find the next number: 5, 10, 15, 20, ?
(A) 20 (B) 25 (C) 30 (D) 27
100. DE : FG :: HI : ?
(A) IJ (B) KL (C) GH (D) JK

Answer Key

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