

# RRB NTPC CBT-1 Mock Paper 4

## CBT-1 Mock Paper 4

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. The first Indian satellite launched in 1975 was:  
(A) INSAT-1A (B) Bhaskara (C) Rohini (D) Aryabhata
2. Which planet is known as the Red Planet?  
(A) Venus (B) Mars (C) Jupiter (D) Mercury
3. The largest state of India by area is:  
(A) Rajasthan (B) Madhya Pradesh (C) Maharashtra (D) Uttar Pradesh
4. The river Ganga originates from:  
(A) Gangotri Glacier (B) Zemu Glacier (C) Yamunotri Glacier (D) Siachen Glacier
5. The Battle of Plassey was fought in:  
(A) 1526 (B) 1857 (C) 1764 (D) 1757
6. Who wrote the national song Vande Mataram?  
(A) Sarojini Naidu (B) Bankim Chandra Chatterjee (C) Rabindranath Tagore (D) Subhas Chandra Bose
7. Which gas is most abundant in Earth's atmosphere?  
(A) Carbon dioxide (B) Oxygen (C) Hydrogen (D) Nitrogen
8. The Indian Railways was nationalised in:  
(A) 1961 (B) 1951 (C) 1947 (D) 1956
9. Which city is known as the Silicon Valley of India?  
(A) Chennai (B) Hyderabad (C) Pune (D) Bengaluru
10. The Finance Commission is constituted under which article?  
(A) Article 280 (B) Article 368 (C) Article 324 (D) Article 356
11. Which schedule of the Constitution contains languages?  
(A) Tenth Schedule (B) Seventh Schedule (C) Eighth Schedule (D) Fifth Schedule
12. Where is the headquarters of ISRO located?  
(A) Sriharikota (B) Hyderabad (C) New Delhi (D) Bengaluru
13. Which is the smallest union territory of India by area?  
(A) Delhi (B) Chandigarh (C) Lakshadweep (D) Puducherry
14. Who was the first President of India?  
(A) Dr. Rajendra Prasad (B) Dr. S. Radhakrishnan (C) Zakir Husain (D) V. V. Giri
15. Which is the highest civilian award in India?  
(A) Bharat Ratna (B) Padma Bhushan (C) Param Vir Chakra (D) Padma Vibhushan
16. The main source of energy for Earth is:  
(A) Wind (B) Sun (C) Moon (D) Ocean tides
17. Which vitamin is produced in the skin in sunlight?  
(A) Vitamin A (B) Vitamin B12 (C) Vitamin D (D) Vitamin K
18. The chemical formula of water is:  
(A) CO<sub>2</sub> (B) NaCl (C) O<sub>2</sub> (D) H<sub>2</sub>O
19. Which metal is liquid at room temperature?  
(A) Aluminium (B) Iron (C) Copper (D) Mercury
20. The Quit India Movement was launched in:  
(A) 1942 (B) 1930 (C) 1920 (D) 1919
21. Which organ purifies blood in the human body?  
(A) Heart (B) Liver (C) Lungs (D) Kidney
22. Which state has the longest coastline in India?  
(A) Gujarat (B) Kerala (C) Tamil Nadu (D) Andhra Pradesh
23. The Tropic of Cancer passes through how many Indian states?  
(A) 9 (B) 6 (C) 7 (D) 8
24. Which is the currency of Japan?  
(A) Yen (B) Dollar (C) Ruble (D) Won

25. Who discovered the law of gravitation?  
(A) Isaac Newton (B) Galileo Galilei (C) Albert Einstein (D) Kepler
26. Which day is celebrated as National Science Day in India?  
(A) 15 August (B) 28 February (C) 2 October (D) 5 September
27. The Planning Commission was replaced by:  
(A) NITI Aayog (B) GST Council (C) Finance Commission (D) Election Commission
28. The first passenger train in India ran between:  
(A) Mumbai and Thane (B) Delhi and Agra (C) Chennai and Arakkonam (D) Kolkata and Howrah
29. Which is the longest bone in the human body?  
(A) Humerus (B) Radius (C) Tibia (D) Femur
30. The pH value of pure water at room temperature is:  
(A) 3 (B) 7 (C) 5 (D) 9
31. Which Indian state is known as the Spice Garden of India?  
(A) Punjab (B) Odisha (C) Kerala (D) Assam
32. Which amendment lowered the voting age from 21 to 18?  
(A) 61st Amendment (B) 44th Amendment (C) 42nd Amendment (D) 73rd Amendment
33. The book Discovery of India was written by:  
(A) B. R. Ambedkar (B) Jawaharlal Nehru (C) R. K. Narayan (D) Mahatma Gandhi
34. Which is the largest gland in the human body?  
(A) Thyroid (B) Pituitary (C) Pancreas (D) Liver
35. Which gas is used by plants during photosynthesis?  
(A) Oxygen (B) Hydrogen (C) Nitrogen (D) Carbon dioxide
36. Which country hosted the G20 Summit in 2023?  
(A) Japan (B) India (C) Italy (D) Brazil
37. Chandrayaan-3 landed near which region of the Moon?  
(A) Far side equator (B) South polar region (C) Equator (D) North polar region
38. Which Indian city is associated with the Integral Coach Factory?  
(A) Varanasi (B) Bhopal (C) Kolkata (D) Chennai
39. The Election Commission of India is responsible for conducting:  
(A) Only local body elections (B) Parliament and State Assembly elections (C) Only cooperative elections (D) Only school elections
40. Which is the largest ocean in the world?  
(A) Indian Ocean (B) Atlantic Ocean (C) Pacific Ocean (D) Arctic Ocean

## Mathematics

41. What is 5% of 72?  
(A) 8 (B) 5 (C) 4 (D) 2
42. Find the LCM of 13 and 35.  
(A) 455 (B) 468 (C) 1 (D) 420
43. A shopkeeper buys an article for Rs. 178 and gains 20%. Find the selling price.  
(A) 158 (B) 223 (C) 203 (D) 213
44. A train covers 150 km at 37 km/h. Approximate time taken is:  
(A) 6 hours (B) 5 hours (C) 3 hours (D) 4 hours
45. If  $x = 39$ , find  $6x + 7$ .  
(A) 240 (B) 234 (C) 227 (D) 241
46. Find the area of a rectangle with length 15 cm and breadth 15 cm.  
(A) 60 sq cm (B) 240 sq cm (C) 210 sq cm (D) 225 sq cm
47. Divide Rs. 160 in the ratio 3:7. What is the first share?  
(A) 41 (B) 51 (C) 112 (D) 48
48. Simplify:  $46 + 41$ .  
(A) 5 (B) 87 (C) 167 (D) 1886
49. What is 20% of 80?  
(A) 18 (B) 15 (C) 21 (D) 16
50. Find the LCM of 21 and 19.  
(A) 380 (B) 1 (C) 399 (D) 420
51. A shopkeeper buys an article for Rs. 234 and gains 30%. Find the selling price.  
(A) 314 (B) 204 (C) 294 (D) 304

52. A train covers 230 km at 45 km/h. Approximate time taken is:  
(A) 5 hours (B) 6 hours (C) 7 hours (D) 4 hours
53. If  $x = 12$ , find  $2x + 7$ .  
(A) 24 (B) 31 (C) 26 (D) 17
54. Find the area of a rectangle with length 23 cm and breadth 11 cm.  
(A) 242 sq cm (B) 253 sq cm (C) 68 sq cm (D) 276 sq cm
55. Divide Rs. 195 in the ratio 6:7. What is the first share?  
(A) 96 (B) 83 (C) 90 (D) 105
56. Simplify:  $70 + 49$ .  
(A) 119 (B) 3430 (C) 207 (D) 21
57. What is 10% of 88?  
(A) 9 (B) 7 (C) 10 (D) 13
58. Find the LCM of 29 and 27.  
(A) 783 (B) 812 (C) 1 (D) 756
59. A shopkeeper buys an article for Rs. 290 and gains 10%. Find the selling price.  
(A) 319 (B) 329 (C) 280 (D) 309
60. A train covers 130 km at 53 km/h. Approximate time taken is:  
(A) 4 hours (B) 2 hours (C) 3 hours (D) 1 hours
61. If  $x = 27$ , find  $4x + 7$ .  
(A) 115 (B) 112 (C) 108 (D) 101
62. Find the area of a rectangle with length 16 cm and breadth 7 cm.  
(A) 105 sq cm (B) 112 sq cm (C) 128 sq cm (D) 46 sq cm
63. Divide Rs. 154 in the ratio 4:7. What is the first share?  
(A) 49 (B) 98 (C) 60 (D) 56
64. Simplify:  $44 + 17$ .  
(A) 157 (B) 61 (C) 748 (D) 27
65. What is 25% of 26?  
(A) 11 (B) 8 (C) 6 (D) 5
66. Find the LCM of 19 and 35.  
(A) 630 (B) 1 (C) 684 (D) 665
67. A shopkeeper buys an article for Rs. 346 and gains 20%. Find the selling price.  
(A) 326 (B) 415 (C) 425 (D) 405
68. A train covers 210 km at 31 km/h. Approximate time taken is:  
(A) 8 hours (B) 6 hours (C) 9 hours (D) 7 hours
69. If  $x = 35$ , find  $6x + 7$ .  
(A) 210 (B) 216 (C) 203 (D) 217
70. Find the area of a rectangle with length 24 cm and breadth 15 cm.  
(A) 360 sq cm (B) 78 sq cm (C) 384 sq cm (D) 345 sq cm

## General Intelligence and Reasoning

71. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
(A) Aunt (B) Daughter (C) Mother (D) Sister
72. Find the next number: 3, 6, 9, 12, ?  
(A) 17 (B) 15 (C) 18 (D) 12
73.  $GH : IJ :: KL : ?$   
(A) NO (B) JK (C) MN (D) LM
74. If PLANT is written in reverse order, what will it be?  
(A) TNALP (B) TPLAN (C) ALNPT (D) LANTP
75. Find the odd one out.  
(A) Apple (B) Banana (C) Mango (D) Potato
76. If square means multiplying a number by itself, what is the square of 9?  
(A) 81 (B) 90 (C) 18 (D) 72
77. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
(A) East (B) North (C) South (D) West
78. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
(A) Sister (B) Aunt (C) Mother (D) Daughter

79. Find the next number: 5, 8, 11, 14, ?  
 (A) 19 (B) 20 (C) 17 (D) 14
80. NO : PQ :: RS : ?  
 (A) QR (B) TU (C) UV (D) ST
81. If POINT is written in reverse order, what will it be?  
 (A) INOPT (B) OINTP (C) TPOIN (D) TNIO P
82. Find the odd one out.  
 (A) Banana (B) Apple (C) Potato (D) Mango
83. If square means multiplying a number by itself, what is the square of 4?  
 (A) 20 (B) 8 (C) 16 (D) 12
84. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
 (A) South (B) West (C) North (D) East
85. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
 (A) Daughter (B) Aunt (C) Sister (D) Mother
86. Find the next number: 2, 5, 8, 11, ?  
 (A) 17 (B) 16 (C) 11 (D) 14
87. CD : EF :: GH : ?  
 (A) IJ (B) HI (C) JK (D) FG
88. If BRAVE is written in reverse order, what will it be?  
 (A) EVARB (B) RAVEB (C) EBR AV (D) ABERV
89. Find the odd one out.  
 (A) Potato (B) Banana (C) Apple (D) Mango
90. If square means multiplying a number by itself, what is the square of 5?  
 (A) 30 (B) 25 (C) 20 (D) 10
91. 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
92. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
 (A) Aunt (B) Sister (C) Daughter (D) Mother
93. Find the next number: 4, 7, 10, 13, ?  
 (A) 19 (B) 16 (C) 18 (D) 13
94. JK : LM :: NO : ?  
 (A) QR (B) PQ (C) OP (D) MN
95. If TRAIN is written in reverse order, what will it be?  
 (A) NIART (B) NTRAI (C) AINRT (D) RAI NT
96. Find the odd one out.  
 (A) Apple (B) Banana (C) Potato (D) Mango
97. If square means multiplying a number by itself, what is the square of 6?  
 (A) 36 (B) 30 (C) 42 (D) 12
98. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
 (A) West (B) East (C) North (D) South
99. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
 (A) Mother (B) Sister (C) Daughter (D) Aunt
100. Find the next number: 6, 9, 12, 15, ?  
 (A) 21 (B) 18 (C) 20 (D) 15

# Answer Key

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