

# RRB NTPC CBT-1 Mock Paper 6

## CBT-1 Mock Paper 6

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

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

24. The headquarters of the United Nations is located in:  
(A) Geneva (B) New York (C) Paris (D) Rome
25. The first Indian satellite launched in 1975 was:  
(A) Bhaskara (B) Rohini (C) Aryabhata (D) INSAT-1A
26. Which planet is known as the Red Planet?  
(A) Mercury (B) Jupiter (C) Venus (D) Mars
27. The largest state of India by area is:  
(A) Madhya Pradesh (B) Uttar Pradesh (C) Maharashtra (D) Rajasthan
28. The river Ganga originates from:  
(A) Gangotri Glacier (B) Yamunotri Glacier (C) Zemu Glacier (D) Siachen Glacier
29. The Battle of Plassey was fought in:  
(A) 1526 (B) 1757 (C) 1857 (D) 1764
30. Who wrote the national song Vande Mataram?  
(A) Sarojini Naidu (B) Subhas Chandra Bose (C) Rabindranath Tagore (D) Bankim Chandra Chatterjee
31. Which gas is most abundant in Earth's atmosphere?  
(A) Carbon dioxide (B) Nitrogen (C) Oxygen (D) Hydrogen
32. The Indian Railways was nationalised in:  
(A) 1956 (B) 1951 (C) 1961 (D) 1947
33. Which city is known as the Silicon Valley of India?  
(A) Pune (B) Chennai (C) Bengaluru (D) Hyderabad
34. The Finance Commission is constituted under which article?  
(A) Article 280 (B) Article 368 (C) Article 356 (D) Article 324
35. Which schedule of the Constitution contains languages?  
(A) Eighth Schedule (B) Fifth Schedule (C) Seventh Schedule (D) Tenth Schedule
36. Where is the headquarters of ISRO located?  
(A) Hyderabad (B) Bengaluru (C) Sriharikota (D) New Delhi
37. Which is the smallest union territory of India by area?  
(A) Delhi (B) Lakshadweep (C) Chandigarh (D) Puducherry
38. Who was the first President of India?  
(A) V. V. Giri (B) Dr. Rajendra Prasad (C) Zakir Husain (D) Dr. S. Radhakrishnan
39. Which is the highest civilian award in India?  
(A) Padma Bhushan (B) Padma Vibhushan (C) Bharat Ratna (D) Param Vir Chakra
40. The main source of energy for Earth is:  
(A) Moon (B) Ocean tides (C) Wind (D) Sun

## Mathematics

41. A shopkeeper buys an article for Rs. 190 and gains 10%. Find the selling price.  
(A) 180 (B) 209 (C) 219 (D) 199
42. A train covers 130 km at 31 km/h. Approximate time taken is:  
(A) 5 hours (B) 3 hours (C) 6 hours (D) 4 hours
43. If  $x = 11$ , find  $4x + 3$ .  
(A) 44 (B) 48 (C) 41 (D) 47
44. Find the area of a rectangle with length 13 cm and breadth 15 cm.  
(A) 195 sq cm (B) 56 sq cm (C) 208 sq cm (D) 180 sq cm
45. Divide Rs. 126 in the ratio 6:3. What is the first share?  
(A) 90 (B) 81 (C) 84 (D) 42
46. Simplify:  $40 + 25$ .  
(A) 1000 (B) 65 (C) 169 (D) 15
47. What is 10% of 86?  
(A) 9 (B) 7 (C) 10 (D) 13
48. Find the LCM of 19 and 19.  
(A) 19 (B) 0 (C) 125 (D) 38
49. A shopkeeper buys an article for Rs. 246 and gains 20%. Find the selling price.  
(A) 285 (B) 295 (C) 226 (D) 305
50. A train covers 210 km at 39 km/h. Approximate time taken is:  
(A) 7 hours (B) 5 hours (C) 6 hours (D) 4 hours
51. If  $x = 18$ , find  $6x + 3$ .

- (A) 108 (B) 105 (C) 111 (D) 114
52. Find the area of a rectangle with length 21 cm and breadth 11 cm.  
(A) 231 sq cm (B) 220 sq cm (C) 252 sq cm (D) 64 sq cm
53. Divide Rs. 91 in the ratio 4:3. What is the first share?  
(A) 52 (B) 49 (C) 56 (D) 39
54. Simplify:  $64 \div 33$ .  
(A) 31 (B) 97 (C) 2112 (D) 209
55. What is 25% of 24?  
(A) 8 (B) 11 (C) 5 (D) 6
56. Find the LCM of 27 and 27.  
(A) 54 (B) 27 (C) 141 (D) 0
57. A shopkeeper buys an article for Rs. 302 and gains 30%. Find the selling price.  
(A) 402 (B) 382 (C) 392 (D) 272
58. A train covers 290 km at 47 km/h. Approximate time taken is:  
(A) 6 hours (B) 5 hours (C) 8 hours (D) 7 hours
59. If  $x = 7$ , find  $2x + 3$ .  
(A) 17 (B) 14 (C) 11 (D) 16
60. Find the area of a rectangle with length 14 cm and breadth 7 cm.  
(A) 91 sq cm (B) 42 sq cm (C) 98 sq cm (D) 112 sq cm
61. Divide Rs. 60 in the ratio 2:3. What is the first share?  
(A) 36 (B) 24 (C) 26 (D) 21
62. Simplify:  $38 \div 41$ .  
(A) 79 (B) 1558 (C) 3 (D) -3
63. What is 15% of 32?  
(A) 5 (B) 6 (C) 9 (D) 3
64. Find the LCM of 17 and 35.  
(A) 560 (B) 1 (C) 612 (D) 595
65. A shopkeeper buys an article for Rs. 358 and gains 10%. Find the selling price.  
(A) 348 (B) 393 (C) 403 (D) 383
66. A train covers 190 km at 55 km/h. Approximate time taken is:  
(A) 4 hours (B) 2 hours (C) 3 hours (D) 5 hours
67. If  $x = 14$ , find  $4x + 3$ .  
(A) 60 (B) 59 (C) 56 (D) 53
68. Find the area of a rectangle with length 22 cm and breadth 15 cm.  
(A) 315 sq cm (B) 352 sq cm (C) 330 sq cm (D) 74 sq cm
69. Divide Rs. 88 in the ratio 5:3. What is the first share?  
(A) 60 (B) 55 (C) 52 (D) 33
70. Simplify:  $62 \div 49$ .  
(A) 239 (B) 13 (C) 111 (D) 3038

## General Intelligence and Reasoning

71. If square means multiplying a number by itself, what is the square of 4?  
(A) 16 (B) 12 (C) 20 (D) 8
72. 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
73. 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
74. Find the next number: 5, 10, 15, 20, ?  
(A) 30 (B) 25 (C) 27 (D) 20
75.  $QR : ST :: UV : ?$   
(A) XY (B) VW (C) WX (D) TU
76. If CLOCK is written in reverse order, what will it be?  
(A) KCOLC (B) CCKLO (C) KCLOC (D) LOCKC
77. Find the odd one out.  
(A) Banana (B) Apple (C) Potato (D) Mango
78. If square means multiplying a number by itself, what is the square of 5?

- (A) 20 (B) 10 (C) 25 (D) 30
79. 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
80. 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
81. Find the next number: 2, 7, 12, 17, ?  
(A) 22 (B) 27 (C) 17 (D) 24
82. FG : HI :: JK : ?  
(A) IJ (B) KL (C) MN (D) LM
83. If PLANT is written in reverse order, what will it be?  
(A) ALNPT (B) TNALP (C) TPLAN (D) LANTP
84. Find the odd one out.  
(A) Mango (B) Banana (C) Apple (D) Potato
85. If square means multiplying a number by itself, what is the square of 6?  
(A) 12 (B) 30 (C) 36 (D) 42
86. 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
87. 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) Daughter (D) Mother
88. Find the next number: 4, 9, 14, 19, ?  
(A) 26 (B) 29 (C) 24 (D) 19
89. MN : OP :: QR : ?  
(A) TU (B) PQ (C) ST (D) RS
90. If POINT is written in reverse order, what will it be?  
(A) TPOIN (B) OINTP (C) INOPT (D) TNIOP
91. Find the odd one out.  
(A) Apple (B) Banana (C) Potato (D) Mango
92. If square means multiplying a number by itself, what is the square of 7?  
(A) 56 (B) 42 (C) 14 (D) 49
93. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
(A) West (B) East (C) South (D) North
94. 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
95. Find the next number: 6, 11, 16, 21, ?  
(A) 28 (B) 31 (C) 21 (D) 26
96. BC : DE :: FG : ?  
(A) GH (B) EF (C) IJ (D) HI
97. If BRAVE is written in reverse order, what will it be?  
(A) EVARB (B) EBRAV (C) ABERV (D) RAVEB
98. Find the odd one out.  
(A) Banana (B) Mango (C) Apple (D) Potato
99. If square means multiplying a number by itself, what is the square of 8?  
(A) 64 (B) 72 (C) 16 (D) 56
100. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
(A) South (B) East (C) West (D) North

# Answer Key

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