

# RRB NTPC CBT-2 Practice Paper 2

## CBT-2 Practice Paper 2

Pattern: 120 questions, 90 minutes, 1 mark each, 1/3 negative marking for each wrong answer.

Section distribution: General Awareness 50, Mathematics 35, Reasoning 35.

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 highest civilian award in India?  
(A) Padma Bhushan (B) Padma Vibhushan (C) Bharat Ratna (D) Param Vir Chakra
2. The main source of energy for Earth is:  
(A) Sun (B) Wind (C) Moon (D) Ocean tides
3. Which vitamin is produced in the skin in sunlight?  
(A) Vitamin B12 (B) Vitamin A (C) Vitamin D (D) Vitamin K
4. The chemical formula of water is:  
(A) NaCl (B) H<sub>2</sub>O (C) CO<sub>2</sub> (D) O<sub>2</sub>
5. Which metal is liquid at room temperature?  
(A) Aluminium (B) Mercury (C) Copper (D) Iron
6. The Quit India Movement was launched in:  
(A) 1920 (B) 1930 (C) 1919 (D) 1942
7. Which organ purifies blood in the human body?  
(A) Kidney (B) Liver (C) Heart (D) Lungs
8. Which state has the longest coastline in India?  
(A) Kerala (B) Gujarat (C) Andhra Pradesh (D) Tamil Nadu
9. The Tropic of Cancer passes through how many Indian states?  
(A) 9 (B) 6 (C) 8 (D) 7
10. Which is the currency of Japan?  
(A) Ruble (B) Won (C) Dollar (D) Yen
11. Who discovered the law of gravitation?  
(A) Albert Einstein (B) Isaac Newton (C) Galileo Galilei (D) Kepler
12. Which day is celebrated as National Science Day in India?  
(A) 5 September (B) 28 February (C) 15 August (D) 2 October
13. The Planning Commission was replaced by:  
(A) Finance Commission (B) Election Commission (C) NITI Aayog (D) GST Council
14. The first passenger train in India ran between:  
(A) Delhi and Agra (B) Chennai and Arakkonam (C) Mumbai and Thane (D) Kolkata and Howrah
15. Which is the longest bone in the human body?  
(A) Humerus (B) Tibia (C) Femur (D) Radius
16. The pH value of pure water at room temperature is:  
(A) 3 (B) 7 (C) 9 (D) 5
17. Which Indian state is known as the Spice Garden of India?  
(A) Assam (B) Odisha (C) Punjab (D) Kerala
18. Which amendment lowered the voting age from 21 to 18?  
(A) 73rd Amendment (B) 44th Amendment (C) 61st Amendment (D) 42nd Amendment
19. The book Discovery of India was written by:  
(A) Mahatma Gandhi (B) Jawaharlal Nehru (C) B. R. Ambedkar (D) R. K. Narayan
20. Which is the largest gland in the human body?  
(A) Thyroid (B) Pancreas (C) Liver (D) Pituitary
21. Which gas is used by plants during photosynthesis?  
(A) Carbon dioxide (B) Hydrogen (C) Oxygen (D) Nitrogen
22. Which country hosted the G20 Summit in 2023?  
(A) India (B) Brazil (C) Italy (D) Japan
23. Chandrayaan-3 landed near which region of the Moon?  
(A) South polar region (B) North polar region (C) Equator (D) Far side equator
24. Which Indian city is associated with the Integral Coach Factory?  
(A) Kolkata (B) Chennai (C) Varanasi (D) Bhopal

25. The Election Commission of India is responsible for conducting:  
(A) Only cooperative elections (B) Only school elections (C) Only local body elections (D) Parliament and State Assembly elections
26. Which is the largest ocean in the world?  
(A) Atlantic Ocean (B) Pacific Ocean (C) Arctic Ocean (D) Indian Ocean
27. The term GDP stands for:  
(A) Gross Domestic Product (B) Gross Development Plan (C) General Distribution Product (D) General Domestic Price
28. Which part of the plant conducts photosynthesis mainly?  
(A) Root (B) Flower (C) Stem (D) Leaf
29. Which instrument is used to measure atmospheric pressure?  
(A) Hygrometer (B) Thermometer (C) Barometer (D) Ammeter
30. Which Mughal emperor built the Red Fort in Delhi?  
(A) Babur (B) Aurangzeb (C) Akbar (D) Shah Jahan
31. Which is the constitutional head of a state in India?  
(A) Speaker (B) Governor (C) Chief Secretary (D) Chief Minister
32. Which is the national aquatic animal of India?  
(A) Blue Whale (B) Crocodile (C) Ganges River Dolphin (D) Olive Ridley Turtle
33. Which blood group is commonly called universal donor?  
(A) A positive (B) B negative (C) O negative (D) AB positive
34. Who is known as the Father of the Indian Constitution?  
(A) Sardar Patel (B) B. R. Ambedkar (C) Jawaharlal Nehru (D) Mahatma Gandhi
35. Which article of the Indian Constitution deals with equality before law?  
(A) Article 32 (B) Article 21 (C) Article 19 (D) Article 14
36. The headquarters of the United Nations is located in:  
(A) New York (B) Geneva (C) Paris (D) Rome
37. The first Indian satellite launched in 1975 was:  
(A) INSAT-1A (B) Bhaskara (C) Rohini (D) Aryabhata
38. Which planet is known as the Red Planet?  
(A) Mars (B) Mercury (C) Jupiter (D) Venus
39. The largest state of India by area is:  
(A) Maharashtra (B) Uttar Pradesh (C) Madhya Pradesh (D) Rajasthan
40. The river Ganga originates from:  
(A) Gangotri Glacier (B) Siachen Glacier (C) Zemu Glacier (D) Yamunotri Glacier
41. The Battle of Plassey was fought in:  
(A) 1526 (B) 1757 (C) 1857 (D) 1764
42. Who wrote the national song Vande Mataram?  
(A) Subhas Chandra Bose (B) Bankim Chandra Chatterjee (C) Sarojini Naidu (D) Rabindranath Tagore
43. Which gas is most abundant in Earth's atmosphere?  
(A) Hydrogen (B) Carbon dioxide (C) Oxygen (D) Nitrogen
44. The Indian Railways was nationalised in:  
(A) 1961 (B) 1956 (C) 1951 (D) 1947
45. Which city is known as the Silicon Valley of India?  
(A) Chennai (B) Bengaluru (C) Hyderabad (D) Pune
46. The Finance Commission is constituted under which article?  
(A) Article 280 (B) Article 368 (C) Article 324 (D) Article 356
47. Which schedule of the Constitution contains languages?  
(A) Tenth Schedule (B) Fifth Schedule (C) Eighth Schedule (D) Seventh Schedule
48. Where is the headquarters of ISRO located?  
(A) Bengaluru (B) Sriharikota (C) New Delhi (D) Hyderabad
49. Which is the smallest union territory of India by area?  
(A) Chandigarh (B) Lakshadweep (C) Puducherry (D) Delhi
50. Who was the first President of India?  
(A) Dr. Rajendra Prasad (B) V. V. Giri (C) Zakir Husain (D) Dr. S. Radhakrishnan

## Mathematics

51. If  $x = 6$ , find  $2x + 6$ .

- (A) 14 (B) 18 (C) 6 (D) 12
52. Find the area of a rectangle with length 11 cm and breadth 11 cm.  
(A) 110 sq cm (B) 132 sq cm (C) 44 sq cm (D) 121 sq cm
53. Divide Rs. 132 in the ratio 4:7. What is the first share?  
(A) 84 (B) 48 (C) 41 (D) 52
54. Simplify:  $34 + 41$ .  
(A) 1394 (B) 7 (C) -7 (D) 75
55. What is 25% of 38?  
(A) 11 (B) 14 (C) 8 (D) 10
56. Find the LCM of 17 and 27.  
(A) 432 (B) 459 (C) 476 (D) 1
57. A shopkeeper buys an article for Rs. 170 and gains 10%. Find the selling price.  
(A) 177 (B) 187 (C) 160 (D) 197
58. A train covers 190 km at 35 km/h. Approximate time taken is:  
(A) 4 hours (B) 6 hours (C) 5 hours (D) 7 hours
59. If  $x = 19$ , find  $4x + 6$ .  
(A) 80 (B) 82 (C) 76 (D) 70
60. Find the area of a rectangle with length 19 cm and breadth 7 cm.  
(A) 52 sq cm (B) 126 sq cm (C) 152 sq cm (D) 133 sq cm
61. Divide Rs. 99 in the ratio 2:7. What is the first share?  
(A) 24 (B) 22 (C) 77 (D) 15
62. Simplify:  $58 + 49$ .  
(A) 107 (B) 2842 (C) 155 (D) 9
63. What is 15% of 46?  
(A) 8 (B) 7 (C) 11 (D) 5
64. Find the LCM of 25 and 35.  
(A) 200 (B) 175 (C) 5 (D) 140
65. A shopkeeper buys an article for Rs. 226 and gains 20%. Find the selling price.  
(A) 281 (B) 261 (C) 206 (D) 271
66. A train covers 270 km at 43 km/h. Approximate time taken is:  
(A) 8 hours (B) 5 hours (C) 7 hours (D) 6 hours
67. If  $x = 32$ , find  $6x + 6$ .  
(A) 198 (B) 192 (C) 186 (D) 245
68. Find the area of a rectangle with length 12 cm and breadth 15 cm.  
(A) 180 sq cm (B) 165 sq cm (C) 54 sq cm (D) 192 sq cm
69. Divide Rs. 120 in the ratio 5:7. What is the first share?  
(A) 55 (B) 43 (C) 70 (D) 50
70. Simplify:  $32 + 17$ .  
(A) 105 (B) 15 (C) 49 (D) 544
71. What is 5% of 54?  
(A) 1 (B) 4 (C) 3 (D) 7
72. Find the LCM of 15 and 19.  
(A) 266 (B) 300 (C) 1 (D) 285
73. A shopkeeper buys an article for Rs. 282 and gains 30%. Find the selling price.  
(A) 366 (B) 376 (C) 356 (D) 252
74. A train covers 170 km at 51 km/h. Approximate time taken is:  
(A) 2 hours (B) 3 hours (C) 5 hours (D) 4 hours
75. If  $x = 9$ , find  $2x + 6$ .  
(A) 24 (B) 20 (C) 18 (D) 12
76. Find the area of a rectangle with length 20 cm and breadth 11 cm.  
(A) 220 sq cm (B) 240 sq cm (C) 209 sq cm (D) 62 sq cm
77. Divide Rs. 180 in the ratio 3:7. What is the first share?  
(A) 54 (B) 57 (C) 47 (D) 126
78. Simplify:  $56 + 25$ .  
(A) 31 (B) 1400 (C) 145 (D) 81
79. What is 20% of 62?

- (A) 11 (B) 17 (C) 14 (D) 12
80. Find the LCM of 23 and 27.  
(A) 644 (B) 594 (C) 1 (D) 621
81. A shopkeeper buys an article for Rs. 338 and gains 10%. Find the selling price.  
(A) 328 (B) 381 (C) 371 (D) 361
82. A train covers 250 km at 59 km/h. Approximate time taken is:  
(A) 6 hours (B) 3 hours (C) 4 hours (D) 5 hours
83. If  $x = 22$ , find  $4x + 6$ .  
(A) 94 (B) 88 (C) 92 (D) 82
84. Find the area of a rectangle with length 13 cm and breadth 7 cm.  
(A) 40 sq cm (B) 104 sq cm (C) 91 sq cm (D) 84 sq cm
85. Divide Rs. 221 in the ratio 6:7. What is the first share?  
(A) 95 (B) 108 (C) 102 (D) 119

## General Intelligence and Reasoning

86. 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
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) Mother (D) Daughter
88. Find the next number: 4, 7, 10, 13, ?  
(A) 13 (B) 19 (C) 18 (D) 16
89. HI : JK :: LM : ?  
(A) OP (B) KL (C) MN (D) NO
90. If PLANT is written in reverse order, what will it be?  
(A) LANTP (B) TNALP (C) TPLAN (D) ALNPT
91. Find the odd one out.  
(A) Apple (B) Banana (C) Mango (D) Potato
92. If square means multiplying a number by itself, what is the square of 4?  
(A) 20 (B) 12 (C) 8 (D) 16
93. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
(A) South (B) West (C) East (D) North
94. 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) Aunt (D) Sister
95. Find the next number: 6, 9, 12, 15, ?  
(A) 20 (B) 15 (C) 21 (D) 18
96. OP : QR :: ST : ?  
(A) UV (B) VW (C) TU (D) RS
97. If POINT is written in reverse order, what will it be?  
(A) INOPT (B) TNIOP (C) TPOIN (D) OINTP
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 5?  
(A) 25 (B) 30 (C) 20 (D) 10
100. 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
101. 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
102. Find the next number: 3, 6, 9, 12, ?  
(A) 17 (B) 12 (C) 18 (D) 15
103. DE : FG :: HI : ?  
(A) KL (B) GH (C) IJ (D) JK
104. If BRAVE is written in reverse order, what will it be?  
(A) ABERV (B) EBRAV (C) EVARB (D) RAVEB
105. Find the odd one out.

- (A) Potato (B) Banana (C) Apple (D) Mango
106. If square means multiplying a number by itself, what is the square of 6?  
(A) 30 (B) 36 (C) 12 (D) 42
107. A person faces North, turns right, then again turns right, then turns left. Which direction is the person facing?  
(A) West (B) North (C) East (D) South
108. Pointing to a woman, Ravi says, 'She is the sister of my father.' How is the woman related to Ravi?  
(A) Daughter (B) Sister (C) Aunt (D) Mother
109. Find the next number: 5, 8, 11, 14, ?  
(A) 17 (B) 14 (C) 20 (D) 19
110. KL : MN :: OP : ?  
(A) RS (B) PQ (C) QR (D) NO
111. If TRAIN is written in reverse order, what will it be?  
(A) NIART (B) NTRAI (C) RAIN T (D) AINRT
112. Find the odd one out.  
(A) Banana (B) Potato (C) Mango (D) Apple
113. If square means multiplying a number by itself, what is the square of 7?  
(A) 56 (B) 14 (C) 42 (D) 49
114. 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
115. 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
116. Find the next number: 2, 5, 8, 11, ?  
(A) 16 (B) 11 (C) 17 (D) 14
117. RS : TU :: VW : ?  
(A) WX (B) XY (C) UV (D) YZ
118. If CLOCK is written in reverse order, what will it be?  
(A) LOCKC (B) CCKLO (C) KCLOC (D) KCOLC
119. Find the odd one out.  
(A) Banana (B) Mango (C) Apple (D) Potato
120. If square means multiplying a number by itself, what is the square of 8?  
(A) 72 (B) 56 (C) 16 (D) 64

# Answer Key

Q	Ans	Q	Ans	Q	Ans	Q	Ans
1	C	2	A	3	C	4	B
5	B	6	D	7	A	8	B
9	C	10	D	11	B	12	B
13	C	14	C	15	C	16	B
17	D	18	C	19	B	20	C
21	A	22	A	23	A	24	B
25	D	26	B	27	A	28	D
29	C	30	D	31	B	32	C
33	C	34	B	35	D	36	A
37	D	38	A	39	D	40	A
41	B	42	B	43	D	44	C
45	B	46	A	47	C	48	A
49	B	50	A	51	D	52	D
53	B	54	D	55	D	56	B
57	B	58	C	59	C	60	D
61	B	62	A	63	B	64	B
65	D	66	D	67	B	68	A
69	D	70	C	71	C	72	D
73	A	74	B	75	C	76	A
77	A	78	D	79	D	80	D
81	C	82	C	83	B	84	C
85	C	86	B	87	B	88	D
89	D	90	B	91	D	92	D
93	C	94	C	95	D	96	A
97	B	98	D	99	A	100	A
101	D	102	D	103	D	104	C
105	A	106	B	107	C	108	C
109	A	110	C	111	A	112	B
113	D	114	B	115	D	116	D
117	B	118	D	119	D	120	D