

RRB NTPC CBT-2 Practice Paper 8

CBT-2 Practice Paper 8

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 gas is most abundant in Earth's atmosphere?
(A) Carbon dioxide (B) Oxygen (C) Nitrogen (D) Hydrogen
2. The Indian Railways was nationalised in:
(A) 1961 (B) 1956 (C) 1951 (D) 1947
3. Which city is known as the Silicon Valley of India?
(A) Hyderabad (B) Chennai (C) Bengaluru (D) Pune
4. The Finance Commission is constituted under which article?
(A) Article 324 (B) Article 356 (C) Article 368 (D) Article 280
5. Which schedule of the Constitution contains languages?
(A) Eighth Schedule (B) Tenth Schedule (C) Fifth Schedule (D) Seventh Schedule
6. Where is the headquarters of ISRO located?
(A) Sriharikota (B) Bengaluru (C) Hyderabad (D) New Delhi
7. Which is the smallest union territory of India by area?
(A) Lakshadweep (B) Delhi (C) Chandigarh (D) Puducherry
8. Who was the first President of India?
(A) Zakir Husain (B) Dr. Rajendra Prasad (C) V. V. Giri (D) Dr. S. Radhakrishnan
9. Which is the highest civilian award in India?
(A) Param Vir Chakra (B) Padma Bhushan (C) Padma Vibhushan (D) Bharat Ratna
10. The main source of energy for Earth is:
(A) Ocean tides (B) Wind (C) Sun (D) Moon
11. Which vitamin is produced in the skin in sunlight?
(A) Vitamin K (B) Vitamin D (C) Vitamin A (D) Vitamin B12
12. The chemical formula of water is:
(A) O₂ (B) CO₂ (C) NaCl (D) H₂O
13. Which metal is liquid at room temperature?
(A) Iron (B) Mercury (C) Copper (D) Aluminium
14. The Quit India Movement was launched in:
(A) 1942 (B) 1920 (C) 1930 (D) 1919
15. Which organ purifies blood in the human body?
(A) Lungs (B) Heart (C) Kidney (D) Liver
16. Which state has the longest coastline in India?
(A) Kerala (B) Gujarat (C) Tamil Nadu (D) Andhra Pradesh
17. The Tropic of Cancer passes through how many Indian states?
(A) 9 (B) 6 (C) 7 (D) 8
18. Which is the currency of Japan?
(A) Yen (B) Dollar (C) Won (D) Ruble
19. Who discovered the law of gravitation?
(A) Kepler (B) Galileo Galilei (C) Isaac Newton (D) Albert Einstein
20. Which day is celebrated as National Science Day in India?
(A) 15 August (B) 2 October (C) 28 February (D) 5 September
21. The Planning Commission was replaced by:
(A) NITI Aayog (B) GST Council (C) Election Commission (D) Finance Commission
22. The first passenger train in India ran between:
(A) Delhi and Agra (B) Mumbai and Thane (C) Kolkata and Howrah (D) Chennai and Arakkonam
23. Which is the longest bone in the human body?
(A) Radius (B) Tibia (C) Humerus (D) Femur
24. The pH value of pure water at room temperature is:
(A) 3 (B) 9 (C) 5 (D) 7

25. Which Indian state is known as the Spice Garden of India?
(A) Punjab (B) Odisha (C) Kerala (D) Assam
26. Which amendment lowered the voting age from 21 to 18?
(A) 73rd Amendment (B) 44th Amendment (C) 42nd Amendment (D) 61st Amendment
27. The book Discovery of India was written by:
(A) B. R. Ambedkar (B) Jawaharlal Nehru (C) Mahatma Gandhi (D) R. K. Narayan
28. Which is the largest gland in the human body?
(A) Liver (B) Thyroid (C) Pancreas (D) Pituitary
29. Which gas is used by plants during photosynthesis?
(A) Carbon dioxide (B) Hydrogen (C) Nitrogen (D) Oxygen
30. Which country hosted the G20 Summit in 2023?
(A) Italy (B) Japan (C) India (D) Brazil
31. Chandrayaan-3 landed near which region of the Moon?
(A) South polar region (B) Equator (C) Far side equator (D) North polar region
32. Which Indian city is associated with the Integral Coach Factory?
(A) Varanasi (B) Bhopal (C) Chennai (D) Kolkata
33. The Election Commission of India is responsible for conducting:
(A) Only local body elections (B) Only school elections (C) Parliament and State Assembly elections (D) Only cooperative elections
34. Which is the largest ocean in the world?
(A) Indian Ocean (B) Pacific Ocean (C) Atlantic Ocean (D) Arctic Ocean
35. The term GDP stands for:
(A) Gross Domestic Product (B) General Distribution Product (C) Gross Development Plan (D) General Domestic Price
36. Which part of the plant conducts photosynthesis mainly?
(A) Flower (B) Leaf (C) Stem (D) Root
37. Which instrument is used to measure atmospheric pressure?
(A) Thermometer (B) Hygrometer (C) Ammeter (D) Barometer
38. Which Mughal emperor built the Red Fort in Delhi?
(A) Babur (B) Aurangzeb (C) Akbar (D) Shah Jahan
39. Which is the constitutional head of a state in India?
(A) Chief Secretary (B) Speaker (C) Chief Minister (D) Governor
40. Which is the national aquatic animal of India?
(A) Crocodile (B) Blue Whale (C) Olive Ridley Turtle (D) Ganges River Dolphin
41. Which blood group is commonly called universal donor?
(A) AB positive (B) B negative (C) A positive (D) O negative
42. Who is known as the Father of the Indian Constitution?
(A) B. R. Ambedkar (B) Sardar Patel (C) Jawaharlal Nehru (D) Mahatma Gandhi
43. Which article of the Indian Constitution deals with equality before law?
(A) Article 32 (B) Article 19 (C) Article 21 (D) Article 14
44. The headquarters of the United Nations is located in:
(A) New York (B) Rome (C) Paris (D) Geneva
45. The first Indian satellite launched in 1975 was:
(A) Rohini (B) Bhaskara (C) Aryabhata (D) INSAT-1A
46. Which planet is known as the Red Planet?
(A) Mercury (B) Mars (C) Venus (D) Jupiter
47. The largest state of India by area is:
(A) Rajasthan (B) Uttar Pradesh (C) Maharashtra (D) Madhya Pradesh
48. The river Ganga originates from:
(A) Zemu Glacier (B) Gangotri Glacier (C) Siachen Glacier (D) Yamunotri Glacier
49. The Battle of Plassey was fought in:
(A) 1764 (B) 1757 (C) 1526 (D) 1857
50. Who wrote the national song Vande Mataram?
(A) Bankim Chandra Chatterjee (B) Rabindranath Tagore (C) Sarojini Naidu (D) Subhas Chandra Bose

Mathematics

51. Divide Rs. 90 in the ratio 2:7. What is the first share?

- (A) 13 (B) 22 (C) 70 (D) 20
52. Simplify: $28 + 41$.
(A) -13 (B) 69 (C) 13 (D) 1148
53. What is 15% of 22?
(A) 5 (B) 2 (C) 8 (D) 3
54. Find the LCM of 15 and 19.
(A) 266 (B) 1 (C) 285 (D) 300
55. A shopkeeper buys an article for Rs. 198 and gains 30%. Find the selling price.
(A) 267 (B) 168 (C) 247 (D) 257
56. A train covers 170 km at 45 km/h. Approximate time taken is:
(A) 4 hours (B) 5 hours (C) 6 hours (D) 3 hours
57. If $x = 9$, find $2x + 3$.
(A) 18 (B) 21 (C) 20 (D) 15
58. Find the area of a rectangle with length 17 cm and breadth 11 cm.
(A) 176 sq cm (B) 187 sq cm (C) 56 sq cm (D) 204 sq cm
59. Divide Rs. 216 in the ratio 5:7. What is the first share?
(A) 95 (B) 83 (C) 90 (D) 126
60. Simplify: $52 + 49$.
(A) 101 (B) 2548 (C) 189 (D) 3
61. What is 5% of 30?
(A) 2 (B) 0 (C) 3 (D) 6
62. Find the LCM of 23 and 27.
(A) 621 (B) 644 (C) 1 (D) 594
63. A shopkeeper buys an article for Rs. 254 and gains 10%. Find the selling price.
(A) 279 (B) 289 (C) 244 (D) 269
64. A train covers 250 km at 53 km/h. Approximate time taken is:
(A) 7 hours (B) 5 hours (C) 6 hours (D) 4 hours
65. If $x = 9$, find $4x + 3$.
(A) 39 (B) 40 (C) 36 (D) 33
66. Find the area of a rectangle with length 10 cm and breadth 7 cm.
(A) 63 sq cm (B) 70 sq cm (C) 80 sq cm (D) 34 sq cm
67. Divide Rs. 170 in the ratio 3:7. What is the first share?
(A) 44 (B) 119 (C) 54 (D) 51
68. Simplify: $26 + 17$.
(A) 139 (B) 43 (C) 442 (D) 9
69. What is 20% of 38?
(A) 12 (B) 9 (C) 8 (D) 6
70. Find the LCM of 13 and 35.
(A) 420 (B) 1 (C) 468 (D) 455
71. A shopkeeper buys an article for Rs. 310 and gains 20%. Find the selling price.
(A) 290 (B) 372 (C) 382 (D) 362
72. A train covers 150 km at 31 km/h. Approximate time taken is:
(A) 6 hours (B) 4 hours (C) 7 hours (D) 5 hours
73. If $x = 16$, find $6x + 3$.
(A) 96 (B) 102 (C) 93 (D) 99
74. Find the area of a rectangle with length 18 cm and breadth 15 cm.
(A) 270 sq cm (B) 66 sq cm (C) 288 sq cm (D) 255 sq cm
75. Divide Rs. 208 in the ratio 6:7. What is the first share?
(A) 102 (B) 89 (C) 96 (D) 112
76. Simplify: $50 + 25$.
(A) 1250 (B) 75 (C) 179 (D) 25
77. What is 10% of 46?
(A) 5 (B) 3 (C) 6 (D) 9
78. Find the LCM of 21 and 19.
(A) 399 (B) 420 (C) 380 (D) 1
79. A shopkeeper buys an article for Rs. 366 and gains 30%. Find the selling price.

- (A) 465 (B) 475 (C) 336 (D) 485
80. A train covers 230 km at 39 km/h. Approximate time taken is:
(A) 8 hours (B) 6 hours (C) 7 hours (D) 5 hours
81. If $x = 5$, find $2x + 3$.
(A) 10 (B) 7 (C) 13 (D) 12
82. Find the area of a rectangle with length 11 cm and breadth 11 cm.
(A) 121 sq cm (B) 110 sq cm (C) 132 sq cm (D) 44 sq cm
83. Divide Rs. 165 in the ratio 4:7. What is the first share?
(A) 60 (B) 53 (C) 64 (D) 105
84. Simplify: $74 + 33$.
(A) 41 (B) 107 (C) 2442 (D) 219
85. What is 25% of 54?
(A) 15 (B) 18 (C) 12 (D) 14

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) East (B) North (C) South (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) Mother (D) Daughter
88. Find the next number: 4, 9, 14, 19, ?
(A) 26 (B) 29 (C) 24 (D) 19
89. NO : PQ :: RS : ?
(A) QR (B) TU (C) UV (D) ST
90. If POINT is written in reverse order, what will it be?
(A) INOPT (B) OINTP (C) TPOIN (D) TNIOP
91. Find the odd one out.
(A) Banana (B) Apple (C) Potato (D) Mango
92. If square means multiplying a number by itself, what is the square of 4?
(A) 20 (B) 8 (C) 16 (D) 12
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) North (D) East
94. 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
95. Find the next number: 6, 11, 16, 21, ?
(A) 31 (B) 28 (C) 21 (D) 26
96. CD : EF :: GH : ?
(A) IJ (B) HI (C) JK (D) FG
97. If BRAVE is written in reverse order, what will it be?
(A) EVARB (B) RAVEB (C) EBRAV (D) ABERV
98. Find the odd one out.
(A) Potato (B) Banana (C) Apple (D) Mango
99. If square means multiplying a number by itself, what is the square of 5?
(A) 30 (B) 25 (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) South (C) West (D) North
101. 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
102. Find the next number: 3, 8, 13, 18, ?
(A) 28 (B) 23 (C) 25 (D) 18
103. JK : LM :: NO : ?
(A) QR (B) PQ (C) OP (D) MN
104. If TRAIN is written in reverse order, what will it be?
(A) NIART (B) NTRAI (C) AINRT (D) RAINT
105. Find the odd one out.

- (A) Apple (B) Banana (C) Potato (D) Mango
106. If square means multiplying a number by itself, what is the square of 6?
(A) 36 (B) 30 (C) 42 (D) 12
107. 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
108. 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
109. Find the next number: 5, 10, 15, 20, ?
(A) 30 (B) 25 (C) 27 (D) 20
110. QR : ST :: UV : ?
(A) XY (B) VW (C) WX (D) TU
111. If CLOCK is written in reverse order, what will it be?
(A) KCOLC (B) CCKLO (C) KCLOC (D) LOCKC
112. Find the odd one out.
(A) Banana (B) Apple (C) Potato (D) Mango
113. If square means multiplying a number by itself, what is the square of 7?
(A) 42 (B) 14 (C) 49 (D) 56
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) Aunt (B) Sister (C) Daughter (D) Mother
116. Find the next number: 2, 7, 12, 17, ?
(A) 22 (B) 27 (C) 17 (D) 24
117. FG : HI :: JK : ?
(A) IJ (B) KL (C) MN (D) LM
118. If PLANT is written in reverse order, what will it be?
(A) ALNPT (B) TNALP (C) TPLAN (D) LANTP
119. Find the odd one out.
(A) Mango (B) Banana (C) Apple (D) Potato
120. If square means multiplying a number by itself, what is the square of 8?
(A) 16 (B) 56 (C) 64 (D) 72

Answer Key

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