

RRB NTPC CBT-1 Mock Paper 9

CBT-1 Mock Paper 9

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 main source of energy for Earth is:
(A) Wind (B) Sun (C) Moon (D) Ocean tides
- Which vitamin is produced in the skin in sunlight?
(A) Vitamin K (B) Vitamin A (C) Vitamin D (D) Vitamin B12
- The chemical formula of water is:
(A) H₂O (B) NaCl (C) O₂ (D) CO₂
- Which metal is liquid at room temperature?
(A) Mercury (B) Aluminium (C) Iron (D) Copper
- The Quit India Movement was launched in:
(A) 1942 (B) 1919 (C) 1930 (D) 1920
- Which organ purifies blood in the human body?
(A) Heart (B) Lungs (C) Liver (D) Kidney
- Which state has the longest coastline in India?
(A) Tamil Nadu (B) Andhra Pradesh (C) Kerala (D) Gujarat
- The Tropic of Cancer passes through how many Indian states?
(A) 8 (B) 9 (C) 7 (D) 6
- Which is the currency of Japan?
(A) Yen (B) Dollar (C) Won (D) Ruble
- Who discovered the law of gravitation?
(A) Albert Einstein (B) Isaac Newton (C) Kepler (D) Galileo Galilei
- Which day is celebrated as National Science Day in India?
(A) 28 February (B) 15 August (C) 5 September (D) 2 October
- The Planning Commission was replaced by:
(A) Finance Commission (B) GST Council (C) Election Commission (D) NITI Aayog
- The first passenger train in India ran between:
(A) Delhi and Agra (B) Chennai and Arakkonam (C) Kolkata and Howrah (D) Mumbai and Thane
- Which is the longest bone in the human body?
(A) Femur (B) Tibia (C) Radius (D) Humerus
- The pH value of pure water at room temperature is:
(A) 7 (B) 9 (C) 3 (D) 5
- Which Indian state is known as the Spice Garden of India?
(A) Kerala (B) Odisha (C) Punjab (D) Assam
- Which amendment lowered the voting age from 21 to 18?
(A) 44th Amendment (B) 61st Amendment (C) 42nd Amendment (D) 73rd Amendment
- The book Discovery of India was written by:
(A) Jawaharlal Nehru (B) Mahatma Gandhi (C) B. R. Ambedkar (D) R. K. Narayan
- Which is the largest gland in the human body?
(A) Liver (B) Pituitary (C) Thyroid (D) Pancreas
- Which gas is used by plants during photosynthesis?
(A) Carbon dioxide (B) Nitrogen (C) Oxygen (D) Hydrogen
- Which country hosted the G20 Summit in 2023?
(A) Japan (B) Italy (C) Brazil (D) India
- Chandrayaan-3 landed near which region of the Moon?
(A) Equator (B) North polar region (C) Far side equator (D) South polar region
- Which Indian city is associated with the Integral Coach Factory?
(A) Chennai (B) Varanasi (C) Kolkata (D) Bhopal
- The Election Commission of India is responsible for conducting:
(A) Only school elections (B) Only cooperative elections (C) Only local body elections (D) Parliament

- and State Assembly elections
25. Which is the largest ocean in the world?
(A) Arctic Ocean (B) Atlantic Ocean (C) Indian Ocean (D) Pacific Ocean
26. The term GDP stands for:
(A) Gross Domestic Product (B) Gross Development Plan (C) General Domestic Price (D) General Distribution Product
27. Which part of the plant conducts photosynthesis mainly?
(A) Root (B) Leaf (C) Stem (D) Flower
28. Which instrument is used to measure atmospheric pressure?
(A) Barometer (B) Ammeter (C) Thermometer (D) Hygrometer
29. Which Mughal emperor built the Red Fort in Delhi?
(A) Shah Jahan (B) Akbar (C) Aurangzeb (D) Babur
30. Which is the constitutional head of a state in India?
(A) Chief Secretary (B) Chief Minister (C) Governor (D) Speaker
31. Which is the national aquatic animal of India?
(A) Crocodile (B) Olive Ridley Turtle (C) Blue Whale (D) Ganges River Dolphin
32. Which blood group is commonly called universal donor?
(A) AB positive (B) B negative (C) O negative (D) A positive
33. Who is known as the Father of the Indian Constitution?
(A) Jawaharlal Nehru (B) Sardar Patel (C) B. R. Ambedkar (D) Mahatma Gandhi
34. Which article of the Indian Constitution deals with equality before law?
(A) Article 19 (B) Article 32 (C) Article 21 (D) Article 14
35. The headquarters of the United Nations is located in:
(A) New York (B) Paris (C) Rome (D) Geneva
36. The first Indian satellite launched in 1975 was:
(A) Aryabhata (B) INSAT-1A (C) Rohini (D) Bhaskara
37. Which planet is known as the Red Planet?
(A) Mars (B) Mercury (C) Jupiter (D) Venus
38. The largest state of India by area is:
(A) Rajasthan (B) Uttar Pradesh (C) Maharashtra (D) Madhya Pradesh
39. The river Ganga originates from:
(A) Zemu Glacier (B) Gangotri Glacier (C) Yamunotri Glacier (D) Siachen Glacier
40. The Battle of Plassey was fought in:
(A) 1526 (B) 1757 (C) 1764 (D) 1857

Mathematics

41. Find the LCM of 12 and 27.
(A) 81 (B) 3 (C) 108 (D) 120
42. A shopkeeper buys an article for Rs. 236 and gains 15%. Find the selling price.
(A) 271 (B) 281 (C) 261 (D) 221
43. A train covers 140 km at 41 km/h. Approximate time taken is:
(A) 2 hours (B) 3 hours (C) 4 hours (D) 5 hours
44. If $x = 31$, find $5x + 7$.
(A) 148 (B) 160 (C) 155 (D) 162
45. Find the area of a rectangle with length 14 cm and breadth 7 cm.
(A) 98 sq cm (B) 112 sq cm (C) 42 sq cm (D) 91 sq cm
46. Divide Rs. 120 in the ratio 2:6. What is the first share?
(A) 90 (B) 30 (C) 32 (D) 24
47. Simplify: $43 + 25$.
(A) 68 (B) 18 (C) 212 (D) 1075
48. What is 15% of 64?
(A) 11 (B) 10 (C) 14 (D) 8
49. Find the LCM of 20 and 35.
(A) 160 (B) 5 (C) 105 (D) 140
50. A shopkeeper buys an article for Rs. 292 and gains 25%. Find the selling price.
(A) 365 (B) 375 (C) 267 (D) 355
51. A train covers 220 km at 49 km/h. Approximate time taken is:

- (A) 3 hours (B) 5 hours (C) 6 hours (D) 4 hours
52. If $x = 46$, find $7x + 7$.
(A) 315 (B) 329 (C) 471 (D) 322
53. Find the area of a rectangle with length 22 cm and breadth 15 cm.
(A) 315 sq cm (B) 74 sq cm (C) 352 sq cm (D) 330 sq cm
54. Divide Rs. 154 in the ratio 5:6. What is the first share?
(A) 75 (B) 84 (C) 70 (D) 64
55. Simplify: $67 + 33$.
(A) 252 (B) 2211 (C) 100 (D) 34
56. What is 5% of 72?
(A) 8 (B) 5 (C) 4 (D) 2
57. Find the LCM of 28 and 19.
(A) 1 (B) 532 (C) 560 (D) 513
58. A shopkeeper buys an article for Rs. 348 and gains 35%. Find the selling price.
(A) 479 (B) 313 (C) 469 (D) 459
59. A train covers 120 km at 57 km/h. Approximate time taken is:
(A) 2 hours (B) 4 hours (C) 1 hours (D) 3 hours
60. If $x = 19$, find $3x + 7$.
(A) 60 (B) 57 (C) 50 (D) 64
61. Find the area of a rectangle with length 15 cm and breadth 11 cm.
(A) 180 sq cm (B) 52 sq cm (C) 154 sq cm (D) 165 sq cm
62. Divide Rs. 117 in the ratio 3:6. What is the first share?
(A) 33 (B) 39 (C) 78 (D) 42
63. Simplify: $41 + 41$.
(A) 0 (B) 82 (C) 1681 (D) 242
64. What is 20% of 80?
(A) 18 (B) 16 (C) 21 (D) 15
65. Find the LCM of 18 and 27.
(A) 9 (B) 72 (C) 54 (D) 27
66. A shopkeeper buys an article for Rs. 104 and gains 15%. Find the selling price.
(A) 119 (B) 129 (C) 89 (D) 109
67. A train covers 200 km at 35 km/h. Approximate time taken is:
(A) 6 hours (B) 7 hours (C) 5 hours (D) 8 hours
68. If $x = 34$, find $5x + 7$.
(A) 163 (B) 170 (C) 175 (D) 177
69. Find the area of a rectangle with length 23 cm and breadth 7 cm.
(A) 60 sq cm (B) 184 sq cm (C) 161 sq cm (D) 154 sq cm
70. Divide Rs. 144 in the ratio 6:6. What is the first share?
(A) 239 (B) 66 (C) 72 (D) 78

General Intelligence and Reasoning

71. PQ : RS :: TU : ?
(A) ST (B) UV (C) WX (D) VW
72. If CLOCK is written in reverse order, what will it be?
(A) KCLOC (B) LOCKC (C) KCOLC (D) CCKLO
73. Find the odd one out.
(A) Banana (B) Potato (C) Apple (D) Mango
74. If square means multiplying a number by itself, what is the square of 7?
(A) 56 (B) 14 (C) 49 (D) 42
75. 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
76. 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
77. Find the next number: 3, 7, 11, 15, ?
(A) 19 (B) 15 (C) 21 (D) 23
78. EF : GH :: IJ : ?

- (A) JK (B) KL (C) LM (D) HI
79. If PLANT is written in reverse order, what will it be?
(A) TPLAN (B) LANTP (C) ALNPT (D) TNALP
80. Find the odd one out.
(A) Banana (B) Apple (C) Mango (D) Potato
81. If square means multiplying a number by itself, what is the square of 8?
(A) 16 (B) 64 (C) 72 (D) 56
82. 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
83. 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) Aunt (D) Daughter
84. Find the next number: 5, 9, 13, 17, ?
(A) 21 (B) 17 (C) 23 (D) 25
85. LM : NO :: PQ : ?
(A) RS (B) QR (C) OP (D) ST
86. If POINT is written in reverse order, what will it be?
(A) TPOIN (B) TNIOP (C) OINTP (D) INOPT
87. Find the odd one out.
(A) Mango (B) Potato (C) Apple (D) Banana
88. If square means multiplying a number by itself, what is the square of 9?
(A) 72 (B) 90 (C) 81 (D) 18
89. 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
90. 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
91. Find the next number: 2, 6, 10, 14, ?
(A) 20 (B) 18 (C) 14 (D) 22
92. AB : CD :: EF : ?
(A) FG (B) DE (C) HI (D) GH
93. If BRAVE is written in reverse order, what will it be?
(A) RAVEB (B) EVARB (C) EBRAV (D) ABERV
94. Find the odd one out.
(A) Banana (B) Mango (C) Potato (D) Apple
95. If square means multiplying a number by itself, what is the square of 4?
(A) 20 (B) 8 (C) 12 (D) 16
96. 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
97. 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
98. Find the next number: 4, 8, 12, 16, ?
(A) 22 (B) 24 (C) 16 (D) 20
99. HI : JK :: LM : ?
(A) MN (B) NO (C) KL (D) OP
100. If TRAIN is written in reverse order, what will it be?
(A) NIART (B) RAIN T (C) AINRT (D) NTRAI

Answer Key

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