

RRB NTPC CBT-1 Practice Paper 8

CBT-1 Practice Paper 8

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 Battle of Plassey was fought in:
(A) 1857 (B) 1764 (C) 1757 (D) 1526
- Who wrote the national song Vande Mataram?
(A) Rabindranath Tagore (B) Bankim Chandra Chatterjee (C) Subhas Chandra Bose (D) Sarojini Naidu
- Which gas is most abundant in Earth's atmosphere?
(A) Oxygen (B) Hydrogen (C) Carbon dioxide (D) Nitrogen
- The Indian Railways was nationalised in:
(A) 1956 (B) 1961 (C) 1947 (D) 1951
- Which city is known as the Silicon Valley of India?
(A) Pune (B) Bengaluru (C) Chennai (D) Hyderabad
- The Finance Commission is constituted under which article?
(A) Article 368 (B) Article 280 (C) Article 356 (D) Article 324
- Which schedule of the Constitution contains languages?
(A) Tenth Schedule (B) Seventh Schedule (C) Eighth Schedule (D) Fifth Schedule
- Where is the headquarters of ISRO located?
(A) Bengaluru (B) Hyderabad (C) Sriharikota (D) New Delhi
- Which is the smallest union territory of India by area?
(A) Lakshadweep (B) Delhi (C) Puducherry (D) Chandigarh
- Who was the first President of India?
(A) V. V. Giri (B) Zakir Husain (C) Dr. Rajendra Prasad (D) Dr. S. Radhakrishnan
- Which is the highest civilian award in India?
(A) Padma Vibhushan (B) Bharat Ratna (C) Padma Bhushan (D) Param Vir Chakra
- The main source of energy for Earth is:
(A) Ocean tides (B) Wind (C) Sun (D) Moon
- Which vitamin is produced in the skin in sunlight?
(A) Vitamin K (B) Vitamin D (C) Vitamin A (D) Vitamin B12
- The chemical formula of water is:
(A) O₂ (B) H₂O (C) CO₂ (D) NaCl
- Which metal is liquid at room temperature?
(A) Iron (B) Aluminium (C) Mercury (D) Copper
- The Quit India Movement was launched in:
(A) 1942 (B) 1920 (C) 1930 (D) 1919
- Which organ purifies blood in the human body?
(A) Lungs (B) Liver (C) Kidney (D) Heart
- Which state has the longest coastline in India?
(A) Gujarat (B) Kerala (C) Andhra Pradesh (D) Tamil Nadu
- The Tropic of Cancer passes through how many Indian states?
(A) 9 (B) 6 (C) 8 (D) 7
- Which is the currency of Japan?
(A) Dollar (B) Ruble (C) Won (D) Yen
- Who discovered the law of gravitation?
(A) Galileo Galilei (B) Isaac Newton (C) Albert Einstein (D) Kepler
- Which day is celebrated as National Science Day in India?
(A) 28 February (B) 5 September (C) 2 October (D) 15 August
- The Planning Commission was replaced by:
(A) Finance Commission (B) NITI Aayog (C) Election Commission (D) GST Council
- The first passenger train in India ran between:
(A) Kolkata and Howrah (B) Mumbai and Thane (C) Chennai and Arakkonam (D) Delhi and Agra

25. Which is the longest bone in the human body?
(A) Tibia (B) Humerus (C) Femur (D) Radius
26. The pH value of pure water at room temperature is:
(A) 5 (B) 9 (C) 7 (D) 3
27. Which Indian state is known as the Spice Garden of India?
(A) Punjab (B) Odisha (C) Kerala (D) Assam
28. Which amendment lowered the voting age from 21 to 18?
(A) 44th Amendment (B) 42nd Amendment (C) 61st Amendment (D) 73rd Amendment
29. The book Discovery of India was written by:
(A) B. R. Ambedkar (B) R. K. Narayan (C) Mahatma Gandhi (D) Jawaharlal Nehru
30. Which is the largest gland in the human body?
(A) Pancreas (B) Pituitary (C) Liver (D) Thyroid
31. Which gas is used by plants during photosynthesis?
(A) Carbon dioxide (B) Nitrogen (C) Hydrogen (D) Oxygen
32. Which country hosted the G20 Summit in 2023?
(A) Italy (B) India (C) Brazil (D) Japan
33. Chandrayaan-3 landed near which region of the Moon?
(A) Equator (B) North polar region (C) Far side equator (D) South polar region
34. Which Indian city is associated with the Integral Coach Factory?
(A) Varanasi (B) Kolkata (C) Chennai (D) Bhopal
35. The Election Commission of India is responsible for conducting:
(A) Parliament and State Assembly elections (B) Only cooperative elections (C) Only local body elections
(D) Only school elections
36. Which is the largest ocean in the world?
(A) Indian Ocean (B) Pacific Ocean (C) Atlantic Ocean (D) Arctic Ocean
37. The term GDP stands for:
(A) General Distribution Product (B) General Domestic Price (C) Gross Development Plan (D) Gross Domestic Product
38. Which part of the plant conducts photosynthesis mainly?
(A) Flower (B) Stem (C) Leaf (D) Root
39. Which instrument is used to measure atmospheric pressure?
(A) Barometer (B) Ammeter (C) Thermometer (D) Hygrometer
40. Which Mughal emperor built the Red Fort in Delhi?
(A) Babur (B) Akbar (C) Aurangzeb (D) Shah Jahan

Mathematics

41. If $x = 6$, find $2x + 6$.
(A) 14 (B) 12 (C) 6 (D) 18
42. Find the area of a rectangle with length 11 cm and breadth 15 cm.
(A) 52 sq cm (B) 176 sq cm (C) 150 sq cm (D) 165 sq cm
43. Divide Rs. 108 in the ratio 4:5. What is the first share?
(A) 43 (B) 52 (C) 60 (D) 48
44. Simplify: $34 + 41$.
(A) -7 (B) 75 (C) 7 (D) 1394
45. What is 25% of 88?
(A) 24 (B) 21 (C) 27 (D) 22
46. Find the LCM of 17 and 19.
(A) 304 (B) 1 (C) 323 (D) 340
47. A shopkeeper buys an article for Rs. 210 and gains 10%. Find the selling price.
(A) 241 (B) 200 (C) 221 (D) 231
48. A train covers 190 km at 45 km/h. Approximate time taken is:
(A) 4 hours (B) 5 hours (C) 6 hours (D) 3 hours
49. If $x = 19$, find $4x + 6$.
(A) 76 (B) 82 (C) 80 (D) 70
50. Find the area of a rectangle with length 19 cm and breadth 11 cm.
(A) 198 sq cm (B) 209 sq cm (C) 60 sq cm (D) 228 sq cm
51. Divide Rs. 77 in the ratio 2:5. What is the first share?

- (A) 24 (B) 17 (C) 22 (D) 55
52. Simplify: $58 + 49$.
(A) 107 (B) 2842 (C) 195 (D) 9
53. What is 15% of 26?
(A) 4 (B) 2 (C) 5 (D) 8
54. Find the LCM of 25 and 27.
(A) 675 (B) 700 (C) 1 (D) 648
55. A shopkeeper buys an article for Rs. 266 and gains 20%. Find the selling price.
(A) 319 (B) 329 (C) 246 (D) 309
56. A train covers 270 km at 53 km/h. Approximate time taken is:
(A) 7 hours (B) 5 hours (C) 6 hours (D) 4 hours
57. If $x = 32$, find $6x + 6$.
(A) 285 (B) 198 (C) 192 (D) 186
58. Find the area of a rectangle with length 12 cm and breadth 7 cm.
(A) 77 sq cm (B) 84 sq cm (C) 96 sq cm (D) 38 sq cm
59. Divide Rs. 100 in the ratio 5:5. What is the first share?
(A) 145 (B) 55 (C) 45 (D) 50
60. Simplify: $32 + 17$.
(A) 145 (B) 49 (C) 544 (D) 15
61. What is 5% of 34?
(A) 6 (B) 3 (C) 2 (D) 0
62. Find the LCM of 15 and 35.
(A) 70 (B) 5 (C) 120 (D) 105
63. A shopkeeper buys an article for Rs. 322 and gains 30%. Find the selling price.
(A) 292 (B) 418 (C) 428 (D) 408
64. A train covers 170 km at 31 km/h. Approximate time taken is:
(A) 6 hours (B) 4 hours (C) 7 hours (D) 5 hours
65. If $x = 9$, find $2x + 6$.
(A) 18 (B) 20 (C) 12 (D) 24
66. Find the area of a rectangle with length 20 cm and breadth 15 cm.
(A) 300 sq cm (B) 70 sq cm (C) 320 sq cm (D) 285 sq cm
67. Divide Rs. 144 in the ratio 3:5. What is the first share?
(A) 57 (B) 49 (C) 54 (D) 90
68. Simplify: $56 + 25$.
(A) 1400 (B) 81 (C) 185 (D) 31
69. What is 20% of 42?
(A) 8 (B) 7 (C) 10 (D) 13
70. Find the LCM of 23 and 19.
(A) 437 (B) 460 (C) 418 (D) 1

General Intelligence and Reasoning

71. Find the odd one out.
(A) Apple (B) Banana (C) Mango (D) Potato
72. If square means multiplying a number by itself, what is the square of 5?
(A) 25 (B) 30 (C) 10 (D) 20
73. 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
74. 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
75. Find the next number: 6, 9, 12, 15, ?
(A) 20 (B) 21 (C) 18 (D) 15
76. NO : PQ :: RS : ?
(A) QR (B) TU (C) UV (D) ST
77. If POINT is written in reverse order, what will it be?
(A) INOPT (B) OINTP (C) TPOIN (D) TNIOP
78. Find the odd one out.

- (A) Banana (B) Apple (C) Potato (D) Mango
79. If square means multiplying a number by itself, what is the square of 6?
(A) 42 (B) 12 (C) 36 (D) 30
80. 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
81. 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
82. Find the next number: 3, 6, 9, 12, ?
(A) 18 (B) 17 (C) 12 (D) 15
83. CD : EF :: GH : ?
(A) IJ (B) HI (C) JK (D) FG
84. If BRAVE is written in reverse order, what will it be?
(A) EVARB (B) RAVEB (C) EBRAV (D) ABERV
85. Find the odd one out.
(A) Potato (B) Banana (C) Apple (D) Mango
86. If square means multiplying a number by itself, what is the square of 7?
(A) 56 (B) 49 (C) 42 (D) 14
87. 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
88. 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
89. Find the next number: 5, 8, 11, 14, ?
(A) 20 (B) 17 (C) 19 (D) 14
90. JK : LM :: NO : ?
(A) QR (B) PQ (C) OP (D) MN
91. If TRAIN is written in reverse order, what will it be?
(A) NIART (B) NTRAI (C) AINRT (D) RAINT
92. Find the odd one out.
(A) Apple (B) Banana (C) Potato (D) Mango
93. If square means multiplying a number by itself, what is the square of 8?
(A) 64 (B) 56 (C) 72 (D) 16
94. 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
95. 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
96. Find the next number: 2, 5, 8, 11, ?
(A) 17 (B) 14 (C) 16 (D) 11
97. QR : ST :: UV : ?
(A) XY (B) VW (C) WX (D) TU
98. If CLOCK is written in reverse order, what will it be?
(A) KCOLC (B) CCKLO (C) KCLOC (D) LOCKC
99. Find the odd one out.
(A) Banana (B) Apple (C) Potato (D) Mango
100. If square means multiplying a number by itself, what is the square of 9?
(A) 72 (B) 18 (C) 81 (D) 90

Answer Key

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