

Railway Group D CBT Practice Paper 10

Based on official RRB Level 1 CBT pattern: 100 questions, 100 marks, 90 minutes

Subject	Questions	Marks
General Science	25	25
Mathematics	25	25
General Intelligence and Reasoning	30	30
General Awareness and Current Affairs	20	20
Total	100	100

- Time allowed: 90 minutes. Eligible PwBD candidates with scribe should follow the official time rules.
- Each question carries 1 mark. Negative marking: 1/3 mark for each wrong answer.
- Attempt easy questions first. Avoid blind guessing.
- This is practice material for students. Always verify latest exam updates from official RRB websites.

Answer Key is provided at the end of this PDF.

General Science

1. Which wave is used in mobile communication?

- A. Seismic wave B. Sound wave C. Radio wave D. Water wave

2. Which blood cells help in clotting of blood?

- A. RBC B. WBC C. Platelets D. Plasma

3. Which part of a flower becomes fruit?

- A. Ovary B. Anther C. Sepal D. Petal

4. Which blood group is called universal donor?

- A. AB positive B. B negative C. A positive D. O negative

5. Which organ filters blood and forms urine?

- A. Kidney B. Heart C. Lungs D. Liver

6. Which gas is used in fire extinguishers?

- A. Nitrogen B. Carbon dioxide C. Oxygen D. Hydrogen

7. Which is used to prevent rusting?

- A. Heating only B. Painting C. Washing with water D. Keeping in moist air

8. Which gas is released during photosynthesis?

- A. Nitrogen B. Carbon dioxide C. Oxygen D. Hydrogen

9. Which metal is the best conductor of electricity?

- A. Iron B. Lead C. Mercury D. Silver

10. Which vitamin is produced in the human body in sunlight?

- A. Vitamin B12 B. Vitamin C C. Vitamin A D. Vitamin D

11. Which planet is nearest to the Sun?

- A. Venus B. Mercury C. Earth D. Mars

12. Which scale is used to measure earthquake intensity commonly?

- A. Beaufort scale B. Kelvin scale C. Richter scale D. pH scale

13. Which acid is present in vinegar?

- A. Acetic acid B. Citric acid C. Lactic acid D. Nitric acid

14. Which is a good conductor of heat?

- A. Wood B. Copper C. Plastic D. Rubber

15. Which organ produces bile?

- A. Pancreas B. Liver C. Kidney D. Stomach

16. Which organ helps in breathing?

- A. Brain B. Liver C. Kidney D. Lungs

17. Which process removes waste from blood in artificial kidney?

- A. Dialysis B. Osmosis only C. Respiration D. Filtration only

18. Which law explains action and reaction?

- A. Newton's first law B. Newton's third law C. Ohm's law D. Newton's second law

19. Which metal is used in electric wires commonly?

- A. Mercury B. Copper C. Zinc D. Lead

20. Which instrument is used to measure humidity?

- A. Barometer B. Hygrometer C. Thermometer D. Ammeter

21. Which is the main component of natural gas?

- A. Butane B. Methane C. Propane D. Ethane

22. The hardest natural substance is:

- A. Iron B. Graphite C. Diamond D. Gold

23. Which gas is filled in balloons to make them rise?

- A. Nitrogen B. Helium C. Oxygen D. Carbon dioxide

24. Which force pulls objects toward the Earth?

- A. Friction B. Magnetism C. Tension D. Gravity

25. Which organelle is called the powerhouse of the cell?

- A. Golgi body B. Mitochondria C. Nucleus D. Ribosome

Mathematics

26. Marked price of an item is Rs. 2500. If a discount of 30% is given, what is the selling price?

- A. 1752 Rs. B. 1749 Rs. C. 1751 Rs. D. 1750 Rs.

27. What is 10% of 300?

- A. 29 B. 30 C. 31 D. 32

28. Find the average of 42, 52, 40, 50, 50.

- A. 48.8 B. 45.8 C. 46.8 D. 47.8

29. Find the volume of a cuboid of length 8 cm, breadth 5 cm and height 3 cm.

- A. 121 cu cm B. 120 cu cm C. 119 cu cm D. 122 cu cm

30. A can complete a work in 12 days and B in 60 days. In how many days can they complete it together?

- A. 12 days B. 10 days C. 9 days D. 11 days

31. A train travels at 40 km/h for 3 hours. What distance does it cover?

- A. 120 km B. 119 km C. 121 km D. 122 km

32. What is 20% of 400?

- A. 80 B. 79 C. 81 D. 82

33. What is the square of 19?

- A. 363 B. 360 C. 361 D. 362

34. If $2x + 16 = 44$, then find x.

- A. 15 B. 13 C. 16 D. 14

35. Find the simple interest on Rs. 3000 at 15% per annum for 5 years.

- A. 2251 Rs. B. 2249 Rs. C. 2252 Rs. D. 2250 Rs.

36. Find the volume of a cuboid of length 6 cm, breadth 5 cm and height 4 cm.

- A. 119 cu cm B. 122 cu cm C. 120 cu cm D. 121 cu cm

37. How many complete weeks are there in 28 days?

- A. 3 weeks B. 4 weeks C. 6 weeks D. 5 weeks

38. A train of length 300 m runs at 54 km/h. How much time will it take to cross a pole?

- A. 21 sec B. 22 sec C. 19 sec D. 20 sec

39. What is the square of 22?

- A. 483 B. 485 C. 484 D. 486

40. What is 25% of 500?

- A. 125 B. 127 C. 124 D. 126

41. Ravi is 24 years old now. What will be his age after 6 years?

- A. 29 years B. 30 years C. 31 years D. 32 years

42. A train of length 120 m runs at 36 km/h. How much time will it take to cross a pole?

- A. 14 sec B. 12 sec C. 11 sec D. 13 sec

43. A can complete a work in 15 days and B in 30 days. In how many days can they complete it together?

- A. 10 days B. 9 days C. 11 days D. 12 days

44. A train travels at 30 km/h for 2 hours. What distance does it cover?

- A. 60 km B. 59 km C. 61 km D. 62 km

45. What is the square of 18?

- A. 326 B. 325 C. 323 D. 324

46. Find the area of a rectangle whose length is 15 cm and breadth is 16 cm.

- A. 240 sq cm B. 241 sq cm C. 239 sq cm D. 242 sq cm

47. Simplify: $33 + 7 \times 7 - 7$.

- A. 74 B. 75 C. 77 D. 76

48. Pipe A fills a tank in 15 hours and Pipe B fills it in 30 hours. How long will both take together?

- A. 11 hours B. 9 hours C. 10 hours D. 12 hours

49. Find the LCM of 24 and 36.

- A. 73 B. 71 C. 72 D. 74

50. If $2x + 19 = 35$, then find x.

- A. 7 B. 9 C. 8 D. 10

General Intelligence and Reasoning

51. A person walks 6 km east and then 10 km north. How far is he from the starting point?

- A. 11.66 km B. 12.66 km C. 10.66 km D. 13.66 km

52. Choose the item that does not belong to the group: 2, 3, 5, 9.

- A. 2 B. 3 C. 9 D. 5

53. Which diagram relationship is best represented by: Animals, Dogs, Cats?

- A. Animals are within Dogs B. Dogs and Cats are separate groups within Animals C. Dogs and Cats overlap completely D. All three are separate

54. If PLATE is coded as SODWH, then how will ROAD be coded?

- A. TQCF B. VSEH C. URDG D. WTFI

55. Find the next number in the series: 11, 15, 19, 23, 27, ?

- A. 31 B. 32 C. 30 D. 33

56. A person walks 6 km east and then 6 km north. How far is he from the starting point?

- A. 9.49 km B. 10.49 km C. 7.49 km D. 8.49 km

57. If '*' means multiplication and '+' has its usual meaning, find $9 * 3 + 3$.

- A. 32 B. 31 C. 30 D. 29

58. Cow is related to Calf in the same way as Dog is related to _____.

- A. Puppy B. School C. Den D. Water

59. Fish is related to Water in the same way as Bird is related to _____.

- A. Air B. School C. Den D. Water

60. If TRAIN is coded as WUDLQ, then how will CART be coded?

- A. FDUW B. ECTV C. HFWY D. GEVX

61. Choose the item that does not belong to the group: Monday, Tuesday, Friday, Table.

- A. Table B. Tuesday C. Monday D. Friday

62. In a class of 35 students, Mohan ranks 5th from the top. What is his rank from the bottom?

- A. 32 B. 31 C. 33 D. 30

63. Bird is related to Nest in the same way as Lion is related to _____.

- A. Writing B. Den C. Water D. School

64. Statements: All roses are flowers. Some flowers are red. Which conclusion definitely follows?

- A. Some roses are red B. All roses are flowers C. All red things are roses D. All flowers are roses

65. Pointing to a woman, Ravi said, 'She is the daughter of my mother's only son.' How is the woman related to Ravi?

- A. Daughter B. Wife C. Mother D. Sister

66. Find the odd one out: January, March, Sunday, July.

- A. January B. July C. March D. Sunday

67. Find the missing number: $8 \times 3 = ?$

- A. 26 B. 24 C. 25 D. 23

68. If the order of digits in 681 is reversed, what number is formed?

- A. 681 B. 816 C. 186 D. 196

69. Find the next letter in the series: K N Q T W ?

- A. A B. B C. Y D. Z

70. Find the odd one out: Train, Bus, Car, Mango.

- A. Bus B. Train C. Mango D. Car

71. Find the missing number: $6 \times 11 = ?$

- A. 67 B. 65 C. 68 D. 66

72. If WAGON is coded as ZDJRQ, then how will LINE be coded?

- A. NKPG B. OLQH C. QNSJ D. PMRI

73. If TRACK is coded as VTCEM, then how will LINE be coded?

- A. MJOF B. OLQH C. PMRI D. NKPG

74. If the order of digits in 579 is reversed, what number is formed?

- A. 795 B. 975 C. 579 D. 985

75. Choose the item that does not belong to the group: Rose, Lotus, Lily, Tiger.

- A. Lily B. Rose C. Lotus D. Tiger

76. If '*' means multiplication and '+' has its usual meaning, find $7 * 3 + 19$.

- A. 41 B. 39 C. 42 D. 40

77. Find the next letter in the series: N P R T V ?

- A. Y B. X C. Z D. W

78. Find the next letter in the series: C E G I K ?

- A. N B. O C. L D. M

79. If SIGNAL is coded as UKIPCN, then how will YARD be coded?

- A. ACTF B. ZBSE C. CEVH D. BDUG

80. Find the next letter in the series: P Q R S T ?

- A. W B. U C. V D. T

General Awareness and Current Affairs

81. Which is the longest written constitution in the world?

- A. US Constitution B. UK Constitution C. French Constitution D. Constitution of India

82. Which is the first biosphere reserve in India?

- A. Nanda Devi B. Nilgiri Biosphere Reserve C. Gulf of Mannar D. Sundarbans

83. Which Indian mission studied the Sun from L1 point?

- A. Mangalyaan B. Aditya-L1 C. Chandrayaan-3 D. Gaganyaan

84. The national bird of India is:

- A. Parrot B. Eagle C. Peacock D. Sparrow

85. The Parliament of India consists of Lok Sabha, Rajya Sabha and:

- A. Election Commission B. Supreme Court C. President D. Prime Minister

86. Which city is called the Pink City of India?

- A. Bikaner B. Jodhpur C. Udaipur D. Jaipur

87. Which movement was launched by Mahatma Gandhi in 1942?

- A. Swadeshi Movement B. Non-Cooperation Movement C. Civil Disobedience Movement D. Quit India Movement

88. Which country won the ICC T20 World Cup 2024?

- A. India B. England C. South Africa D. Australia

89. Which city hosted the 2024 Summer Olympics?

- A. Tokyo B. London C. Los Angeles D. Paris

90. Which day is celebrated as Independence Day in India?

- A. 26 January B. 2 October C. 5 September D. 15 August

91. Which sport is associated with the Thomas Cup?

- A. Tennis B. Badminton C. Football D. Kabaddi

92. Which is the highest dam in India?

- A. Hirakud Dam B. Sardar Sarovar Dam C. Bhakra Nangal Dam D. Tehri Dam

93. The headquarters of the Indian Railways is in:

- A. Chennai B. New Delhi C. Kolkata D. Mumbai

94. Indian Railways was founded in which year with the first passenger train?

- A. 1853 B. 1905 C. 1947 D. 1857

95. Which country hosted the 2024 Summer Olympics?

- A. China B. France C. Brazil D. Japan

96. Who was the first Indian to win the Nobel Prize?

- A. C. V. Raman B. Mother Teresa C. Rabindranath Tagore D. Amartya Sen

97. The Planning Commission was replaced by:

- A. NITI Aayog B. GST Council C. Finance Commission D. Election Commission

98. Who is called the Missile Man of India?

- A. A. P. J. Abdul Kalam B. C. V. Raman C. Homi Bhabha D. Vikram Sarabhai

99. Which Indian state is known as the Land of Five Rivers?

- A. Haryana B. Bihar C. Punjab D. Gujarat

100. Which day is celebrated as Republic Day in India?

- A. 26 January B. 15 August C. 14 November D. 2 October

Answer Key

Q.No	Ans	Q.No	Ans	Q.No	Ans	Q.No	Ans
1	C	26	D	51	A	76	D
2	C	27	B	52	C	77	B
3	A	28	C	53	B	78	D
4	D	29	B	54	C	79	A
5	A	30	B	55	A	80	B
6	B	31	A	56	D	81	D
7	B	32	A	57	C	82	B
8	C	33	C	58	A	83	B
9	D	34	D	59	A	84	C
10	D	35	D	60	A	85	C
11	B	36	C	61	A	86	D
12	C	37	B	62	B	87	D
13	A	38	D	63	B	88	A
14	B	39	C	64	B	89	D
15	B	40	A	65	A	90	D
16	D	41	B	66	D	91	B
17	A	42	B	67	B	92	D
18	B	43	A	68	C	93	B
19	B	44	A	69	D	94	A
20	B	45	D	70	C	95	B
21	B	46	A	71	D	96	C
22	C	47	B	72	B	97	A
23	B	48	C	73	D	98	A
24	D	49	C	74	B	99	C
25	B	50	C	75	D	100	A

Note: These questions are designed for practice and mock-test preparation. Current affairs should be updated with the latest 6 to 8 months before the actual examination.