

Railway Group D CBT Practice Paper 1

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 gas is used in fire extinguishers?

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

2. Which vitamin deficiency causes rickets?

- A. Vitamin C B. Vitamin K C. Vitamin A D. Vitamin D

3. Which is a renewable source of energy?

- A. Solar energy B. Petroleum C. Natural gas D. Coal

4. Which gas is essential for respiration?

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

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

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

6. Which type of energy is stored in food?

- A. Electrical energy B. Chemical energy C. Nuclear energy D. Sound energy

7. Which part of the digestive system absorbs most nutrients?

- A. Oesophagus B. Stomach C. Large intestine D. Small intestine

8. Which is a physical change?

- A. Melting of ice B. Rusting of iron C. Cooking of food D. Burning of paper

9. The hardest natural substance is:

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

10. The SI unit of force is:

- A. Newton B. Pascal C. Joule D. Watt

11. Which disease is caused by iodine deficiency?

- A. Scurvy B. Rickets C. Goitre D. Anaemia

12. Which gas is produced during anaerobic respiration in yeast?

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

13. Which part of the brain controls balance?

- A. Cerebellum B. Cerebrum C. Spinal cord D. Medulla

14. 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

15. Which fibre is obtained from plants?

- A. Nylon B. Acrylic C. Polyester D. Cotton

16. Which gas turns lime water milky?

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

17. Which blood cells help in clotting of blood?

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

18. Which acid is present in vinegar?

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

19. Which instrument is used to measure electric current?

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

20. Which organ produces bile?

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

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

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

22. Which device measures speed of a vehicle?

- A. Speedometer B. Barometer C. Odometer D. Ammeter

23. Which blood group is called universal donor?

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

24. The speed of light in vacuum is approximately:

- A. 300 m/s B. 3×10^8 m/s C. 3×10^5 km/h D. 3×10^6 m/s

25. Which planet is nearest to the Sun?

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

Mathematics

26. Find the compound interest on Rs. 1000 at 10% per annum for 2 years compounded annually.

- A. 209 Rs. B. 211 Rs. C. 210 Rs. D. 212 Rs.

27. Find the average of 51, 61, 80, 12, 12.

- A. 42.2 B. 43.2 C. 45.2 D. 44.2

28. A train of length 240 m runs at 54 km/h. How much time will it take to cross a pole?

- A. 16 sec B. 15 sec C. 17 sec D. 18 sec

29. What is 30% of 500?

- A. 151 B. 149 C. 152 D. 150

30. A can complete a work in 20 days and B in 15 days. In how many days can they complete it together?

- A. 9.57 days B. 8.57 days C. 7.57 days D. 10.57 days

31. A train travels at 36 km/h for 2 hours. What distance does it cover?

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

32. A can complete a work in 10 days and B in 24 days. In how many days can they complete it together?

- A. 9.06 days B. 8.06 days C. 6.06 days D. 7.06 days

33. If $3x + 14 = 26$, then find x.

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

34. Find the LCM of 18 and 30.

- A. 90 B. 92 C. 91 D. 89

35. A train travels at 45 km/h for 2 hours. What distance does it cover?

- A. 89 km B. 90 km C. 91 km D. 92 km

36. Find the average of 29, 51, 38, 62, 53.

- A. 48.6 B. 47.6 C. 45.6 D. 46.6

37. A can complete a work in 10 days and B in 40 days. In how many days can they complete it together?

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

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

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

39. If $8x + 13 = 45$, then find x.

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

40. A train travels at 50 km/h for 5 hours. What distance does it cover?

- A. 251 km B. 252 km C. 249 km D. 250 km

41. A sum of 45 is divided in the ratio 4:5. What is the first part?

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

42. Find the area of a rectangle whose length is 20 cm and breadth is 10 cm.

- A. 200 sq cm B. 199 sq cm C. 202 sq cm D. 201 sq cm

43. Find the volume of a cuboid of length 10 cm, breadth 6 cm and height 4 cm.

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

44. What is 60% of 300?

- A. 180 B. 182 C. 179 D. 181

45. Pipe A fills a tank in 12 hours and Pipe B fills it in 20 hours. How long will both take together?

- A. 8.5 hours B. 7.5 hours C. 9.5 hours D. 6.5 hours

46. A shopkeeper buys an article for Rs. 900 and sells it at 15% profit. What is the selling price?

- A. 1037 Rs. B. 1036 Rs. C. 1034 Rs. D. 1035 Rs.

47. How many complete weeks are there in 49 days?

- A. 7 weeks B. 6 weeks C. 9 weeks D. 8 weeks

48. A train travels at 36 km/h for 5 hours. What distance does it cover?

- A. 181 km B. 182 km C. 180 km D. 179 km

49. Find the compound interest on Rs. 10000 at 5% per annum for 2 years compounded annually.

- A. 1027 Rs. B. 1024 Rs. C. 1026 Rs. D. 1025 Rs.

50. Simplify: $36 + 9 \times 5 - 4$.

- A. 77 B. 79 C. 76 D. 78

General Intelligence and Reasoning

51. If RAIL is coded as SBJM, then how will ROAD be coded?

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

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

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

53. Choose the item that does not belong to the group: Kilogram, Metre, Second, Banana.

- A. Banana B. Metre C. Kilogram D. Second

54. If the order of digits in 468 is reversed, what number is formed?

- A. 874 B. 864 C. 684 D. 468

55. A person walks 6 km east and then 8 km north. How far is he from the starting point?

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

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

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

57. If the order of digits in 246 is reversed, what number is formed?

- A. 652 B. 642 C. 246 D. 462

58. In a class of 30 students, Mohan ranks 15th from the top. What is his rank from the bottom?

- A. 15 B. 18 C. 16 D. 17

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

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

60. Book is related to Reading in the same way as Pen is related to _____.

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

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

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

62. In a class of 35 students, Mohan ranks 15th from the top. What is his rank from the bottom?

- A. 21 B. 23 C. 20 D. 22

63. Find the missing number: $3 \times 10 = ?$

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

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

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

65. Find the odd one out: Iron, Copper, Silver, Wood.

- A. Wood B. Iron C. Silver D. Copper

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

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

67. In a class of 40 students, Mohan ranks 12th from the top. What is his rank from the bottom?

- A. 29 B. 28 C. 30 D. 31

68. If '*' means multiplication and '+' has its usual meaning, find $5 * 3 + 4$.

- A. 19 B. 21 C. 20 D. 18

- 69.** A person walks 4 km east and then 6 km north. How far is he from the starting point?
 A. 6.21 km B. 9.21 km C. 7.21 km D. 8.21 km
- 70.** Find the next number in the series: 9, 15, 21, 27, 33, ?
 A. 38 B. 39 C. 41 D. 40
- 71.** Find the next number in the series: 12, 15, 18, 21, 24, ?
 A. 27 B. 29 C. 28 D. 26
- 72.** Doctor is related to Hospital in the same way as Teacher is related to _____.
 A. Water B. School C. Writing D. Den
- 73.** If WAGON is coded as XBHPO, then how will YARD be coded?
 A. ACTF B. BDUG C. CEVH D. ZBSE
- 74.** Find the next letter in the series: J L N P R ?
 A. S B. U C. V D. T
- 75.** A person walks 8 km east and then 10 km north. How far is he from the starting point?
 A. 14.81 km B. 13.81 km C. 12.81 km D. 11.81 km
- 76.** Choose the item that does not belong to the group: 2, 3, 5, 9.
 A. 9 B. 2 C. 3 D. 5
- 77.** If the order of digits in 123 is reversed, what number is formed?
 A. 321 B. 331 C. 231 D. 123
- 78.** Fish is related to Water in the same way as Bird is related to _____.
 A. Water B. Air C. School D. Den
- 79.** Find the missing number: $8 \times 4 = ?$
 A. 31 B. 34 C. 32 D. 33
- 80.** Find the odd one out: Apple, Mango, Banana, Potato.
 A. Apple B. Banana C. Potato D. Mango

General Awareness and Current Affairs

- 81.** How many fundamental duties are listed in the Indian Constitution?
 A. 12 B. 11 C. 10 D. 9
- 82.** Which railway zone has headquarters at Chennai?
 A. Eastern Railway B. Northern Railway C. Southern Railway D. Western Railway
- 83.** Which is the longest river in India?
 A. Narmada B. Yamuna C. Godavari D. Ganga
- 84.** Which railway zone has headquarters at Mumbai CSMT?
 A. Northern Railway B. Southern Railway C. Eastern Railway D. Central Railway
- 85.** Which is the largest ocean?
 A. Pacific Ocean B. Arctic Ocean C. Indian Ocean D. Atlantic Ocean
- 86.** The Dandi March was related to:
 A. Land tax B. Salt tax C. Income tax D. Rail tax
- 87.** Which country hosted the 2024 Summer Olympics?
 A. France B. China C. Japan D. Brazil
- 88.** GST was introduced in India in:
 A. 2016 B. 2014 C. 2015 D. 2017
- 89.** Which is the longest national highway in India?
 A. NH 19 B. NH 48 C. NH 27 D. NH 44
- 90.** Which is the first biosphere reserve in India?
 A. Nilgiri Biosphere Reserve B. Sundarbans C. Nanda Devi D. Gulf of Mannar
- 91.** Which state is known as the Spice Garden of India?
 A. Assam B. Kerala C. Punjab D. Goa

92. Who wrote the Indian national anthem?

- A. Bankim Chandra Chatterjee B. Mahatma Gandhi C. Rabindranath Tagore D. Sarojini Naidu

93. Which is the capital of West Bengal?

- A. Siliguri B. Kolkata C. Howrah D. Asansol

94. Who is the guardian of the Indian Constitution?

- A. Parliament B. President C. Supreme Court D. Prime Minister

95. The capital of India is:

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

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

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

97. Which city hosted the 2010 Commonwealth Games?

- A. Hyderabad B. Delhi C. Mumbai D. Bengaluru

98. Which language is written in the Devanagari script?

- A. Telugu B. Malayalam C. Hindi D. Tamil

99. Which classical dance form belongs to Kerala?

- A. Kathakali B. Kathak C. Bharatanatyam D. Odissi

100. Which Indian scientist won the Nobel Prize in Physics in 1930?

- A. Vikram Sarabhai B. J. C. Bose C. Homi Bhabha D. C. V. Raman

Answer Key

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

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.