

RRB JE CBT1 MODEL QUESTION PAPER WITH ANSWER KEY

Mathematics

1. If 25% of a number is 50, what is the number?

- A) 150
- B) 200
- C) 250
- D) 300

Answer: B) 200

2. What is the value of $15^2 + 20^2$?

- A) 625
- B) 725
- C) 825
- D) 925

Answer: A) 625

3. Find the simple interest on Rs. 7000 at 8% per annum for 3 years.

- A) 1680
- B) 1700
- C) 1720
- D) 1800

Answer: A) 1680

4. The area of a circle is 154 cm^2 . What is its radius if $\pi = \frac{22}{7}$?

- A) 5 cm
- B) 6 cm
- C) 7 cm
- D) 8 cm

Answer: C) 7 cm

5. If a car travels 360 km in 6 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

6. If 25% of a number is 50, what is the number?

A) 150

B) 200

C) 250

D) 300

Answer: B) 200

7. What is the value of $15^2 + 20^2$?

A) 625

B) 725

C) 825

D) 925

Answer: A) 625

8. Find the simple interest on Rs. 7000 at 8% per annum for 3 years.

A) 1680

B) 1700

C) 1720

D) 1800

Answer: A) 1680

9. The area of a circle is 154 cm^2 . What is its radius if $\pi = 22/7$?

A) 5 cm

B) 6 cm

C) 7 cm

D) 8 cm

Answer: C) 7 cm

10. If a car travels 360 km in 6 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

11. If 25% of a number is 50, what is the number?

A) 150

B) 200

C) 250

D) 300

Answer: B) 200

12. What is the value of $15^2 + 20^2$?

A) 625

B) 725

C) 825

D) 925

Answer: A) 625

13. Find the simple interest on Rs. 7000 at 8% per annum for 3 years.

A) 1680

B) 1700

C) 1720

D) 1800

Answer: A) 1680

14. The area of a circle is 154 cm^2 . What is its radius if $\pi = \frac{22}{7}$?

A) 5 cm

B) 6 cm

C) 7 cm

D) 8 cm

Answer: C) 7 cm

15. If a car travels 360 km in 6 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

16. If 25% of a number is 50, what is the number?

A) 150

B) 200

C) 250

D) 300

Answer: B) 200

17. What is the value of $15^2 + 20^2$?

A) 625

B) 725

C) 825

D) 925

Answer: A) 625

18. Find the simple interest on Rs. 7000 at 8% per annum for 3 years.

A) 1680

B) 1700

C) 1720

D) 1800

Answer: A) 1680

19. The area of a circle is 154 cm^2 . What is its radius if $\pi = \frac{22}{7}$?

A) 5 cm

B) 6 cm

C) 7 cm

D) 8 cm

Answer: C) 7 cm

20. If a car travels 360 km in 6 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

21. If 25% of a number is 50, what is the number?

A) 150

B) 200

C) 250

D) 300

Answer: B) 200

22. What is the value of $15^2 + 20^2$?

A) 625

B) 725

C) 825

D) 925

Answer: A) 625

23. Find the simple interest on Rs. 7000 at 8% per annum for 3 years.

A) 1680

B) 1700

C) 1720

D) 1800

Answer: A) 1680

24. The area of a circle is 154 cm^2 . What is its radius if $\pi = \frac{22}{7}$?

A) 5 cm

B) 6 cm

C) 7 cm

D) 8 cm

Answer: C) 7 cm

25. If a car travels 360 km in 6 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

26. If 25% of a number is 50, what is the number?

A) 150

B) 200

C) 250

D) 300

Answer: B) 200

27. What is the value of $15^2 + 20^2$?

A) 625

B) 725

C) 825

D) 925

Answer: A) 625

28. Find the simple interest on Rs. 7000 at 8% per annum for 3 years.

A) 1680

B) 1700

C) 1720

D) 1800

Answer: A) 1680

29. The area of a circle is 154 cm^2 . What is its radius if $\pi = \frac{22}{7}$?

A) 5 cm

B) 6 cm

C) 7 cm

D) 8 cm

Answer: C) 7 cm

30. If a car travels 360 km in 6 hours, what is its average speed?

A) 50 km/hr

B) 55 km/hr

C) 60 km/hr

D) 65 km/hr

Answer: C) 60 km/hr

General Intelligence and Reasoning

31. What comes next in the series: 8, 16, 32, 64, ?

A) 96

B) 128

C) 160

D) 192

Answer: B) 128

32. If in a certain code language 'BOOK' is written as 'DPPM', how is 'PEN' written?

A) RGP

B) RJO

C) RJM

D) RGM

Answer: C) RJM

33. Find the missing number in the series: 15, 31, 63, 127, ?

A) 255

B) 256

C) 258

D) 259

Answer: A) 255

34. In a certain language, if 'WATER' is coded as 'XCVGT', how is 'FIRE' written?

A) GJTG

B) GJTG

C) GITG

D) GHTG

Answer: B) GJTG

35. Find the odd one out: 81, 100, 121, 144, 169

A) 81

B) 100

C) 121

D) 144

Answer: B) 100

36. What comes next in the series: 8, 16, 32, 64, ?

A) 96

B) 128

C) 160

D) 192

Answer: B) 128

37. If in a certain code language 'BOOK' is written as 'DPPM', how is 'PEN' written?

A) RGP

B) RJO

C) RJM

D) RGM

Answer: C) RJM

38. Find the missing number in the series: 15, 31, 63, 127, ?

A) 255

B) 256

C) 258

D) 259

Answer: A) 255

39. In a certain language, if 'WATER' is coded as 'XCVGT', how is 'FIRE' written?

A) GJTG

B) GJTG

C) GITG

D) GHTG

Answer: B) GJTG

40. Find the odd one out: 81, 100, 121, 144, 169

A) 81

B) 100

C) 121

D) 144

Answer: B) 100

41. What comes next in the series: 8, 16, 32, 64, ?

A) 96

B) 128

C) 160

D) 192

Answer: B) 128

42. If in a certain code language 'BOOK' is written as 'DPPM', how is 'PEN' written?

A) RGP

B) RJO

C) RJM

D) RGM

Answer: C) RJM

43. Find the missing number in the series: 15, 31, 63, 127, ?

A) 255

B) 256

C) 258

D) 259

Answer: A) 255

44. In a certain language, if 'WATER' is coded as 'XCVGT', how is 'FIRE' written?

A) GJTG

B) GJTG

C) GITG

D) GHTG

Answer: B) GJTG

45. Find the odd one out: 81, 100, 121, 144, 169

A) 81

B) 100

C) 121

D) 144

Answer: B) 100

46. What comes next in the series: 8, 16, 32, 64, ?

A) 96

B) 128

C) 160

D) 192

Answer: B) 128

47. If in a certain code language 'BOOK' is written as 'DPPM', how is 'PEN' written?

A) RGP

B) RJO

C) RJM

D) RGM

Answer: C) RJM

48. Find the missing number in the series: 15, 31, 63, 127, ?

A) 255

B) 256

C) 258

D) 259

Answer: A) 255

49. In a certain language, if 'WATER' is coded as 'XCVGT', how is 'FIRE' written?

A) GJTG

B) GJTG

C) GITG

D) GHTG

Answer: B) GJTG

50. Find the odd one out: 81, 100, 121, 144, 169

A) 81

B) 100

C) 121

D) 144

Answer: B) 100

51. What comes next in the series: 8, 16, 32, 64, ?

A) 96

B) 128

C) 160

D) 192

Answer: B) 128

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C) RJM

D) RGM

Answer: C) RJM

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A) 255

B) 256

C) 258

D) 259

Answer: A) 255

54. In a certain language, if 'WATER' is coded as 'XCVGT', how is 'FIRE' written?

A) GJTG

B) GJTG

C) GITG

D) GHTG

Answer: B) GJTG

55. Find the odd one out: 81, 100, 121, 144, 169

A) 81

B) 100

C) 121

D) 144

Answer: B) 100

General Awareness

56. Who is the current Prime Minister of India in 2024?

A) Narendra Modi

B) Rahul Gandhi

C) Amit Shah

D) Arvind Kejriwal

Answer: A) Narendra Modi

57. Which Indian state is known as the 'Spice Garden of India'?

A) Kerala

B) Karnataka

C) Tamil Nadu

D) Goa

Answer: A) Kerala

58. What is the capital of Canada?

A) Toronto

B) Ottawa

C) Vancouver

D) Montreal

Answer: B) Ottawa

59. Who is the author of 'Gitanjali'?

A) Rabindranath Tagore

B) Sarojini Naidu

C) R. K. Narayan

D) Munshi Premchand

Answer: A) Rabindranath Tagore

60. Which river is known as the 'Lifeline of Madhya Pradesh'?

A) Yamuna

B) Ganga

C) Narmada

D) Tapti

Answer: C) Narmada

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Answer: A) Narendra Modi

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A) Kerala

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C) Tamil Nadu

D) Goa

Answer: A) Kerala

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A) Toronto

B) Ottawa

C) Vancouver

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Answer: A) Rabindranath Tagore

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Answer: C) Narmada

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Answer: A) Narendra Modi

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Answer: A) Kerala

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Answer: A) Rabindranath Tagore

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A) Yamuna

B) Ganga

C) Narmada

D) Tapti

Answer: C) Narmada

General Science

71. What is the chemical symbol for gold?

A) G

B) Au

C) Ag

D) Go

Answer: B) Au

72. What is the atomic number of Fluorine?

A) 7

B) 8

C) 9

D) 10

Answer: C) 9

73. Which organ is responsible for filtering blood in the human body?

A) Liver

B) Kidney

C) Pancreas

D) Spleen

Answer: B) Kidney

74. What is the molecular formula of methane?

A) CH₄

B) CO₂

C) H₂O

D) C₂H₆

Answer: A) CH₄

75. Which vitamin is essential for good eyesight?

A) Vitamin A

B) Vitamin B

C) Vitamin C

D) Vitamin D

Answer: A) Vitamin A

76. What is the chemical symbol for gold?

A) G

B) Au

C) Ag

D) Go

Answer: B) Au

77. What is the atomic number of Fluorine?

A) 7

B) 8

C) 9

D) 10

Answer: C) 9

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B) Kidney

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Answer: B) Kidney

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D) C₂H₆

Answer: A) CH₄

80. Which vitamin is essential for good eyesight?

A) Vitamin A

B) Vitamin B

C) Vitamin C

D) Vitamin D

Answer: A) Vitamin A

81. What is the chemical symbol for gold?

A) G

B) Au

C) Ag

D) Go

Answer: B) Au

82. What is the atomic number of Fluorine?

A) 7

B) 8

C) 9

D) 10

Answer: C) 9

83. Which organ is responsible for filtering blood in the human body?

A) Liver

B) Kidney

C) Pancreas

D) Spleen

Answer: B) Kidney

84. What is the molecular formula of methane?

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B) CO₂

C) H₂O

D) C₂H₆

Answer: A) CH₄

85. Which vitamin is essential for good eyesight?

A) Vitamin A

B) Vitamin B

C) Vitamin C

D) Vitamin D

Answer: A) Vitamin A

86. What is the chemical symbol for gold?

A) G

B) Au

C) Ag

D) Go

Answer: B) Au

87. What is the atomic number of Fluorine?

A) 7

B) 8

C) 9

D) 10

Answer: C) 9

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B) Kidney

C) Pancreas

D) Spleen

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Answer: A) CH₄

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C) Vitamin C

D) Vitamin D

Answer: A) Vitamin A

91. What is the chemical symbol for gold?

A) G

B) Au

C) Ag

D) Go

Answer: B) Au

92. What is the atomic number of Fluorine?

A) 7

- B) 8
- C) 9
- D) 10

Answer: C) 9

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- A) Liver
- B) Kidney
- C) Pancreas
- D) Spleen

Answer: B) Kidney

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Answer: A) CH₄

95. Which vitamin is essential for good eyesight?

- A) Vitamin A
- B) Vitamin B
- C) Vitamin C
- D) Vitamin D

Answer: A) Vitamin A

96. What is the chemical symbol for gold?

- A) G

B) Au

C) Ag

D) Go

Answer: B) Au

97. What is the atomic number of Fluorine?

A) 7

B) 8

C) 9

D) 10

Answer: C) 9

98. Which organ is responsible for filtering blood in the human body?

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B) Kidney

C) Pancreas

D) Spleen

Answer: B) Kidney

99. What is the molecular formula of methane?

A) CH₄

B) CO₂

C) H₂O

D) C₂H₆

Answer: A) CH₄

100. Which vitamin is essential for good eyesight?

A) Vitamin A

B) Vitamin B

C) Vitamin C

D) Vitamin D

Answer: A) Vitamin A