

Grade

6

Questions : 50

Total Marks : 100

Duration : 1 Hour

Set

B

General Instructions

- All questions are compulsory.
- The question paper consists of 50 questions divided into four sections A, B, C and D.
Section – A comprises of **10 Questions of 1 mark** each.
Section – B comprises of **20 Questions of 2 marks** each.
Section – C comprises of **10 Questions of 3 marks** each.
Section – D comprises of **10 Questions of 2 marks** each.
- Use of calculator is not permitted.

Section – A

-
- $12 \times 36 = ?$
(a) 261 (b) 36 (c) 137 (d) 432

 - If 5 packs of candies cost Rs. 50, how many packs can you buy for Rs. 10?
(a) 4 (b) 1 (c) 5 (d) 2

 - Round off 72 to the nearest 10.
(a) 70 (b) 50 (c) 60 (d) 80

 - Find 6 less than (-8) .
(a) 14 (b) 2 (c) -14 (d) 12

 - $17 - (4 - 6) = ?$
(a) 15 (b) 19 (c) 20 (d) None of these

 - A triangle having two equal sides is known as _____.
(a) Isosceles triangle (b) Scalene triangle
(c) Equilateral triangle (d) None of these

7. A quadrilateral having two pairs of equal adjacent sides but unequal opposite side, is called _____.

- (a) Trapezium (b) Parallelogram (c) Rectangle (d) kite.

8. Count the money .



- (a) Rs. 220 (b) Rs. 520 (c) Rs. 420 (d) Rs. 410

9. Do you have enough money to buy following item. ?



- (a) Yes (b) No (c) Can't say (d) None of these

10. $0 \times (-46) \times (-12) \times 27 = ?$

- (a) 14904 (b) - 14904 (c) 0 (d) - 687

Section - B

11. $1.2 + 1.5 \div 0.3 \times 0.3 = ?$

- (a) 5.6 (b) 2.7 (c) 4.5 (d) 9.8

12. What will come in place of question mark ?

$$\frac{5}{8} = \frac{20}{\boxed{?}}$$

- (a) 23 (b) 2 (c) 4 (d) 32

13. A lady bought a saree and a sweater for Rs. 3489.50. If the sweater costs Rs. 743.75, what is the cost of the saree ?
 (a) Rs. 2745.75 (b) Rs. 3745.75 (c) Rs.2746.25 (d) Rs. 2744.50
-
14. The LCM of two co-prime number is equal to their _____.
 (a) Sum (b) Product (c) Difference (d) 1
-
15. $4 + 2 \times \frac{18}{6} - 9 = ?$
 (a) 1 (b) - 1 (c) 0 (d) - 2
-
16. The ratio of the number of sides of a square to the number of edges of a cube is _____.
 (a) 1 : 2 (b) 4 : 1 (c) 1 : 3 (d) 5 : 8
-
17. Uday bought a pencil for Rs. 20 every month this year. How much did he spend in the year?
 (a) Rs. 500 (b) Rs. 240 (c) Rs. 250 (d) Rs. 1200
-
18. The number of terms in $4p^2q - 3pq^2 + 5$ is _____.
 (a) 1 (b) 4 (c) 7 (d) 3
-
19. Geeta scored 60 marks out of 80 in her math exam. Convert her marks into percentage.
 (a) 70 % (b) 82 % (c) 75 % (d) 79 %
-
20. $42 \div 7 \times 3 \times \left(4 + \frac{1}{3}\right) = ?$
 (a) 42 (b) 78 (c) 60 (d) 21
-
21. Find the profit or loss if CP = Rs. 4200 and SP = Rs. 4540
 (a) Rs. 340 profit (b) Rs. 340 loss (c) Rs. 320 profit (d) Rs. 360 loss

22. Radha is very fond of reading books. Once she bought books for Rs. 465 and she paid Rs. 500 to the bookstore. Find the correct expression that shows the correct amount of change that she will get back.

- (a) Rs. 500 + Rs. 465 (b) Rs. 500 – Rs. 465 (c) Rs. 500 × Rs. 465 (d) Rs. 500 ÷ Rs. 465

23. Area of rectangle with dimensions 12 cm and 10 cm is _____

- (a) 60 cm² (b) 120 cm (c) 120 cm² (d) 90 cm²

24. Solve $\left(\frac{1}{2} + \frac{1}{3}\right) \div \left(\frac{1}{4} - \frac{1}{6}\right)$

- (a) 17 (b) 12 (c) 10 (d) 25

25. $49 - 13 \times 3 + 67 - (13 \times 2) = ?$

- (a) 51 (b) 42 (c) 41 (d) 40

26. Express the following ratio in its simplest form.

48 : 54

- (a) 5 : 4 (b) 8 : 9 (c) 6 : 7 (d) 7 : 2

27. The cost of 35 envelopes is Rs. 105. How many envelopes can be bought for Rs. 90 ?

- (a) 20 (b) 30 (c) 10 (d) 20

28. 30 % of 30 = ?

- (a) 90 (b) 19 (c) 0.9 (d) 9

29. Find the interest on Rs. 6200 at 3% per annum for 3 years

- (a) Rs. 558 (b) 560 (c) Rs. 500 (d) Rs. 585

30. A farmer has a rectangular field with a length of 240 m and a breadth of 180 m. He wants to fence it with 3 rounds of rope. What is the total length of rope he must use ?

- (a) 2520 m (b) 2700 m (c) 2400 m (d) None of these

Section - C

31. $7.6 - [3 + 0.5 \text{ of } (3.1 - 2.3 \times 1.02)] = ?$
(a) 7.377 (b) 3.421 (c) 4.223 (d) 4.123
32. LCM of 21, 28, 36 and 45 is _____.
(a) 12×90 (b) 12×120 (c) 11×120 (d) 14×90
33. Six ballpoint pens cost the same as one fountain pen. Four ballpoint pens cost the same as eight pencils. How many pencils will have the same cost as four fountain pens?
(a) 12 pencils (b) 48 pencils (c) 36 pencils (d) 6 pencils
34. The price of potatoes is Rs. x per kg, and the price of onions is Rs. 10 more than the price of potatoes. Therefore, the price of onions is _____ per kg.
(a) $x \div 10$ (b) $10x$ (c) $x + 10$ (d) $x - 10$
35. $22 - \frac{1}{4} [-5 - (-48) \div (-16)] = ?$
(a) 24 (b) -42 (c) -61 (d) -7
36. If 100 % of a number is 15, What is 50 % of the number ?
(a) 50 (b) 7.5 (c) 15 (d) 17
37. Mr. Gupta went to a grocery shop. He purchased 10 kg of wheat at Rs. 55 per kg, 7 kg of rice at Rs. 68 per kg, and 3 kg of dal at Rs. 120 per kg. Find the total amount to be paid by him.
(a) Rs. 1396 (b) Rs. 1486 (c) Rs. 1386 (d) Rs. 1888
38. At what percent per annum will Rs. 3300 produce Rs. 660 as SI in 1 year ?
(a) 12 % (b) 15 % (c) 10 % (d) 20 %

39. Ramesh went to the mall on Sunday to buy clothes. He spent Rs. 1365 on a jacket, Rs. 780 on a shirt, and Rs. 990 on a pair of jeans. Find the total amount Ramesh needs to pay.

- (a) Rs. 3245 (b) Rs. 4145 (c) Rs. 3235 (d) Rs. 3135

40. $39.807 - 24.53 - 3.791 = ?$

- (a) - 11.486 (b) 11.486 (c) 12.36 (d) 10.486

Section - D

41. 3, 8, 15, 24, 35, 48 ?

- (a) 61 (b) 63 (c) 62 (d) 64

42. Oak : Tree :: Tiger : ?

- (a) Animal (b) Plant (c) Pet (d) Bird

43. In a certain code, MONKEY is written as YONKEM, How is LION coded in that code ?

- (a) NLOI (b) NOIL (c) NIOL (d) LNOI

44. In a row of 40 students, Sheela is 5th to the right of Saurabh, who is 18th from the right end. Find the position of Sheela from the left end.

- (a) 28 (b) 27 (c) 29 (d) 30

45. A watch reads 4:30. If the minute hand points East, in what direction will the hour hand point?

- (a) South-East (b) North (c) North-East (d) None of these

46. Find the missing letters of following series : PQ _ Q _ Q _

- (a) PQQQ (b) PQQP (c) PQQP (d) PQRS

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47. $17 : 52 :: 1 : ?$

(a) 3

(b) 4

(c) 5

(d) 1

48. In a certain code TWENTY is written as 863985 and ELEVEN is written as 323039, how is TWELVE written in the code ?

(a) 863203

(b) 862330

(c) 860323

(d) 862303

49. Arrange the given words in alphabetical order and choose the one that comes third.

(a) Poetry

(b) Polio

(c) Police

(d) Policy

50. One morning after sunrise Sita and Gita were talking to each other face to face. If Gita's shadow was exactly to the right of Sita, which direction was Gita facing ?

(a) East

(b) West

(c) South

(d) North

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