Subject - Maths Grade - 6 **(Set- A)**

1. The difference between the place value of 7 in the numeral 6579271 is .....

(a) 69930 (b) 68830
(c) 67840 (d) 64315

2. Which of the following numbers in Roman Numerals is correct?

(a) CLDL (b) VDC
(c) LDC (d) CDLX

3. Express 73 in Roman Numeral.

(a) XLXXXII (b) LXXII
(c) LXXIII (d) LXIII

4. Express 33 in Roman Numeral.

(a) XVIIL (b) VIIXL
(c) XXXIII (d) XXLII

5. Express 500 in Roman Numeral.

(a) CX (b) DD
(c) D (d) XXX

6. The place value which comes on right side of lakhs place is .....

(a) Thousands (b) Ten Thousands
(c) Hundreds (d) Tens

7. Place value of 5 in a five-digit number is 5000 and place value of 3 in that number is 6 times greater than the place value of digit 5. Find the number.

(a) 35000 (b) 50003
(c) 30050 (d) 53000

8. If 3 is factor of x and 72 is a multiple of x, then which of the following cannot be the value of the x?

(a) 6 (b) 12
(c) 8 (d) 18

9. The product of 1st natural, 1st whole and 1st prime number is .....

(a) 5 (b) 0
(c) 9 (d) 7

10. The number of pairs of two numbers whose HCF is 5 and sum is 50

(a) 7 (b) 5
(c) 3 (d) 2

11. There are four prime numbers written in ascending order. The product of first three is 385 and that of last three is 1001. The first number is

(a) 5 (b) 7
(c) 11 (d) 17

12. HCF and LCM of two numbers are 12 and 72 respectively. If the difference of the numbers is 60, then the larger number is:

(a) 12 (b) 60
(c) 24 (d) 72

13. What least number should be added to

19. Simplify: –18 – (–15).

2410 to get a number exactly divisible by 45 ?

(a) 30 (b) 10
(c) 20 (d) 15

14. If p is smallest odd prime number such that (p + 2) is also a prime number, then p(p+2) + 1 is always

(a) A prime number
(b) An odd integer
(c) Not a perfect square
(d) A perfect square

15. The number which can be written in the form of n(n + 1)(n + 2) where n is a natural number is

(a) 3 (b) 6
(c) 8 (d) 5

16. Which of the following is the product of the successors of 8 and 9 ?

(a) 90 (b) 56
(c) 80 (d) 63

17. What is the product of 9680 × 10 × 14 × 0 × 8 ?

(a) 561260 (b) 642976
(c) 912040 (d) Zero

18. Which one of the following is the predecessor of 11+ 2 ×3 – 4 ?

(a) 13 (b) 12
(c) 14 (d) 11

24. Simplify: 35 – 5 [2 + 3 {2 – 2(5 – 3) +

(a) 3 (b) 30
(c) 33 (d) – 3

20. Which of the following is the product of the predecessor of 8 and 9 ?

(a) 90 (b) 56
(c) 65 (d) 72

21. Study the following statements carefully and choose the correct option:
Statement A: Additive identity does not exist in natural numbers.
Statement B:Vijay distributes 4 boxes of sweets. If each box comprises 6 chocolates and 10 candies, then there are 64 sweets in 4 boxes.

(a) Statement A is true but B is false
(b) Statement B is true but A is false
(c) Both statement A and B are true
(d) Both statement A and B are false

22. The number that gives the same result when multiplied by 1.5 and also when 1.5 is added to it is.....

(a) 3 (b) 4
(c) 5 (d) 6

23. 23 thousandths less than four hundred thirty hundredths is .....

(a) 4.63 (b) 4.277
(c) 2.063 (d) 2.267

event were .....

5} – 10] ÷ 4

(a) 35 (b) 25
(c) 33.85 (d) 33.75

25. Number of thousandths in 2 tenths is .....

(a) 20 (b) 200
(c) 2000 (d) 2

26. Simplify: {(0.004 + 2.00) × 0} × 1/2

(a) 2 (b) 3
(c) 4 (d) None of these

27. Match the columns.

Column I	Column II
(a) The sum of 1.8, 16.3 and 72.985 is	(p) 14.091
(b) The value of 27.091 – 32.05 + 19.05 is	(q) 13.063
(c) Sum of 0.5, 12.56 and 0.003 is	(r) 21.50
(d) When we add the decimal forms of fraction $\frac{7}{100}, \frac{124}{100}$ and $\frac{1956}{100}$, the result is	(s) 91.085

(a) A-r, B-q, C-s, D-p
(b) A-q, B-r, C-p, D-s
(c) A-p, B-s, C-q, D-r
(d) A-s, B-p, C-q, D-r

28. 24 athletes threw a shotput at a track and field event. If this was 15/100 of all the athletes at the event, then the total number of athletes who competed at the

(a) 4/9 (b) 1/2
(c) 5/9 (d) 2/3

(a) 160 (b) 200
(c) 240 (d) 150

29. Nisha made a mistake while multiplying the two fractions 7/9 and 6/13 and got the result 1 more than the actual correct result. Find the result obtained by Nisha.

(a) 46/39 (b) 53/39
(c) 43/39 (d) 54/39

30. Choose the improper fraction from the following options:

(a) 56/3 (b) 2/3
(c) 25/43 (d) 9/15

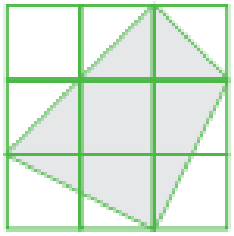
31. Which of the following fraction is the largest ?

(a) 29/30 (b) 29/23
(c) 29/27 (d) 29/25

32. Which of the following fraction is not equivalent to 1/3 ?

(a) 6/18 (b) 9/27
(c) 5/15 (d) 7/20

33. Which fraction of the given figure is shaded ?

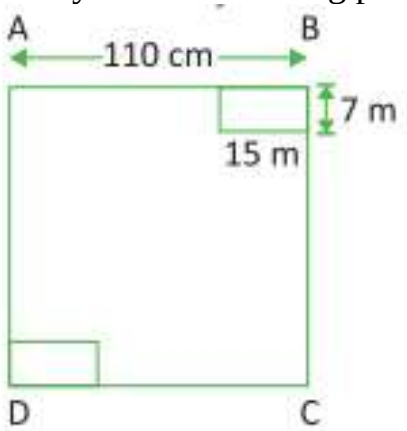


(a) 24 (b) 16

34. If a rectangular block of 4 × 6 × 8 dimension is cut into small cubes of side 2 cm each, how many small cubes can be formed ?

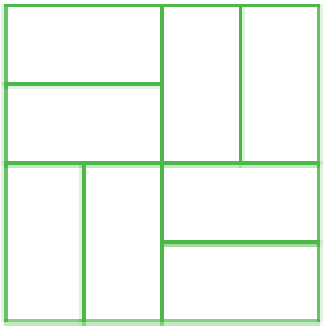
(a) 12 (b) 24
(c) 36 (d) 38

35. A square shaped park ABCD of side 110 m has two equal rectangular flower beds of size 15 m × 7 m. Length of the boundary of the remaining park is



(a) 340 m (b) 352 m
(c) 382 m (d) 440 m

36. How many rectangles are there in the figure which are not square ?



41. In which of the following polygons, the adjacent sides are not necessarily be equal?

(c) 14 (d) 12

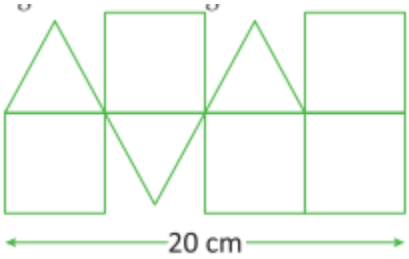
37. The perimeter of the square is ..... times the length of the side.

(a) 2 (b) 3
(d) 4 (d) None of these

38. If the side of the square is doubled, then the new perimeter is ..... times the original perimeter.

(a) 2 (b) 1/4
(c) 8 (d) 4

39. Shreya bent a plastic wire to form the given figure.The figure is made up of 4 squares and 4 equilateral triangles. Find the length of wire.



(a) 110 cm (b) 90 cm
(c) 100 cm (d) 80 cm

40. A quadrilateral in which diagonals are equal and bisect each other perpendicularly is a.....

(a) Square
(b) Rhombus which is not a square
(c) Rectangle which is not a square
(d) None of these

(c) 1/2 (a – b – c) (d) 1/2 (a – b) – c

(a) Parallelogram (b) Rhombus
(c) Triangle (d) Square

42. The number of arcs made by a chord in a circle is .....

(a) 3 (b) 1
(c) 2 (d) 4

43. Symbol to represent an arc is.....

(a) $\perp$
(b) ||
(c) X (d) $\cap$

44. Which of the following statements is true ?

(a) A parallelogram in which two adjacent angles are equal is a rectangle

(b) A quadrilateral in which both the pairs of opposite angles are equal is a parallelogram

(c) In a parallelogram, the number of acute angles is a zero or two

(d) All of these

45. Two non-intersecting circles, one lying inside another are of diameters a and b, respectively. The minimum distance between their circumferences is c. The distance between their centres is

(a) a – b – c (b) a + b – c

46. The average marks obtained by ten students in a Maths competition is 470. All the students scored above 468 marks. The highest possible marks scored by a student in this group is .....

(a) 479 (b) 490
(c) 572 (d) 574

47. The mean of the five observations x, x + 2, x + 4, x + 6, x + 8 is 11. Then the mean of the first three observations is

(a) 9 (b) 20
(c) 12 (d) 28

48. The marks (out of 10) obtained by 30 students in a Mathematics are listed as below:
8, 1, 2, 6, 5, 5, 5, 0, 1, 9, 7, 8, 0, 5, 8, 3, 0, 8, 10, 10, 3, 4, 8, 7, 8, 9, 2, 0, 3, 6
The number of students who obtained marks more than or equal to 5 is

(a) 23 (b) 20
(c) 18 (d) 17

49. Find the mean of the first three natural numbers.

(a) 3 (b) 2
(c) 6 (d) 5

50. Read the statements given below carefully.
A. 45 people like blue colour fridge
B. Only 70 people like red colour fridge
C. Ratio of the number of people preferring

white colour to the number preferring blue colour is 4 : 9.

Which of the following pictographs correctly describes the statements ?

(a)

Colour	No. of people
Blue	
Green	
Red	
White	

= 10 peoples

(b)

Colour	No. of people
Blue	
Green	
Red	
White	

= 10 peoples

(c)

Colour	No. of people
Blue	
Green	
Red	
White	

= 10 peoples

(d) None of these
