

SAINIK SCHOOL BIJAPUR

Class VI

TERM-1 EXAMINATION (AY 2021-22)

Max Marks: 40

Date: 21 JAN 2022

MATHEMATICS

TIME DURATION: 1 ½ Hrs

Set-2

General Instructions:

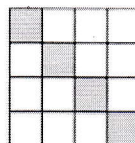
- a). All questions are MCQ based and are compulsory.
- b). Write proper question number and answer along with the options.
- c). Make pdf single file and send to the respective email's as follows:

Class VI A: ssbjmathsvi2021@gmail.com

Class VI B: ssbjmaths6b@gmail.com

Class VI C: sheelat2008@gmail.com

1. Which of the following statement is true:
(a) 2 subtracted from -3 gives 1 (b) -1 subtracted from -5 gives 6
(c) 3 subtracted from -8 gives -11 (d) 1 subtracted from -7 gives -6
2. The number of integers between -2 and 2 is
(a) 5 (b) 4 (c) 3 (d) 2
3. The number 3 less than -2 is
(a) -1 (b) 1 (c) 5 (d) -5
4. Sum of two negative integers is always
(a) Positive (b) Negative (c) 0 (d) 1
5. Which of the following set of numbers is in descending orders?
(a) 2, -2 , 1, -1 (b) 0, 1, 2, 3
(c) 1, 0, -1 , -2 (d) -3 , -2 , -1 , 0
6. Write the fraction representing the shaded region in the below figure.



(a) $\frac{4}{16}$

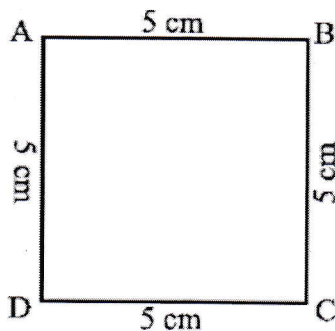
(b) $\frac{10}{16}$

(c) $\frac{9}{16}$

(d) $\frac{7}{16}$

7. Which of the following can be written in the box $\frac{2}{7} = \frac{8}{\quad}$
- (a) 16 (b) 13 (c) 28 (d) 35
8. The value of $1\frac{1}{3} + 3\frac{2}{3}$ is
- (a) $\frac{10}{3}$ (b) $\frac{6}{3}$ (c) $\frac{15}{3}$ (d) $\frac{15}{6}$
9. What is the decimal expansion of $\frac{9}{1000}$ is
- a) 0.9 b) 9000 c) 0.009 d) 0.09
10. $32.549 > 32.458$ because
- a) Tenth part is more b) Hundredth is more
c) Thousandth is more d) Whole part of both numbers are equal
11. 4.19 m in cm can be written as
- a) 419cm b) 41.9cm c) 0.419cm d) 41.09cm
12. Two tens and nine tenths in decimal form is given by
- a) 2.9 b) 20.09 c) 2.09 d) 20.9
13. The sum of $0.007 + 8.5 + 30.08$ is
- a) 38.587 b) 3.100 c) 18.508 d) 385.87
14. Akash bought vegetables weighing 10kg. Out of this 3kg 500g is onions, 2kg 75g is tomatoes and the rest is potatoes. The weight of the potatoes is
- a) 9.500kg b) 1.425kg c) 5.575kg d) 4.425kg
15. The area of a rectangle is 40 cm^2 . If its breadth is 4 cm, then its length is
- (a) 20 cm (b) 30 cm (c) 10 cm (d) none of these
16. Which figure encloses more area : a square of side 2 cm : a rectangle of side 3 cm & 2 cm ; An equilateral triangle of side 4 cm
- (a) rectangle (b) square
(c) triangle (d) same of rectangle & square

17. What is the perimeter of a regular pentagon whose each side measuring 5 cm
 (a) 10 cm (b) 20 cm (c) 15 cm (d) 25 cm
18. The cost of fencing a square park of side 100 m at the rate of Rs.10 per m will be
 (a) Rs.4000 (b) Rs.10000
 (c) Rs.1000 (d) Rs.400
19. The perimeter of figure is



- (a) 20 cm (b) 20 cm^2 (c) 20 cm^3 (d) 20 m
20. The length and the breadth are in the ratio 3 : 2. If its perimeter is 30 cm, its breadth is
 (a) 6 cm (b) 7 cm
 (c) 8 cm (d) none of these
21. If $x, 30, 24$ and 16 are in proportion then find the value of x .
 (a) 45 (b) 60 (c) 80 (d) none of these
22. The ratio of 90 cm to 1.5 m is.....
 (a) 3 : 5 (b) 5 : 3 (c) 60 : 1 (d) 4 : 3
23. Find the value of x in $4 : 3 = x : 12$?
 (a) 4 (b) 12 (c) 16 (d) 3
24. Which of the following is correct?
 (a) $3 : 4 = 15 : 25$ (b) $12 : 24 = 6 : 12$
 (c) $7 : 3 = 14 : 3$ (d) $5 : 10 = 9 : 20$
25. In Proportion the Symbol :: is used for _____.
 (a) To show greater ratio (b) Two equate the two ratios
 (c) Two show smaller ratio (d) None of these.

26. 6 bowls cost Rs 90. What would be the cost of 10 such bowls?
 a) Rs 300 b) Rs 150 c) Rs 200 d) Rs 250
27. Which of the followings has both horizontal as well as vertical line of symmetry: (a) S (b) A (c) U (d) H
28. The mirror image of 'W', when the mirror is placed vertically:
 (a) V (b) M (c) E (d) W
29. Number of lines of symmetry a triangle does not have:
 (a) 1 (b) 2 (c) 3 (d) 0
30. A parallelogram has _____ lines of symmetry:
 (a) 0 (b) 1 (c) 2 (d) 3
31. Which of the following alphabets has line symmetry?
 (a) P (b) Z (c) A (d) Q
32. How many lines of symmetries are there in an equilateral triangle?
 (a) 1 (b) 2 (c) 3 (d) 4
33. Which of the following letters have reflection line of symmetry about vertical mirror? (a) B (b) C (c) V (d) Q
34. In the given figure, the ray will be named as ____.



- (a) l (b) $\overrightarrow{OA}$ (c) $\overline{OA}$ (d) $\overrightarrow{AO}$
35. How many lines pass through one given point?
 (a) One (b) two (c) countless (d) none
36. How many lines pass through two given points?
 (a) One (b) two (c) many (d) none

37. An angle is made up of two _____ starting from common end point
(a) vertex (b) lines
(c) rays (d) line segments
38. A flat surface which extends indefinitely in all directions is called _____.
(a) line (b) line segment (c) plane (d) point
39. Number of lines which can be drawn from one point:
(a) one (b) infinite (c) two (d) zero
40. Two distinct lines meeting at a point are called _____.
(a) Collinear lines (b) intersecting lines
(c) parallel lines (d) none of these