

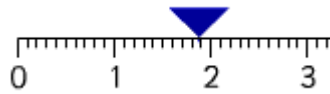
CBSE Board
Class VI Mathematics
Term II
Sample Paper - 2

Time: 2 hour**Total Marks: 50****General Instructions:**

1. All questions are **compulsory**.
2. The question paper consists of **28** questions and it is divided into **three sections** A, B and C.
3. **Section A** comprises of **10** questions carrying 1 mark each.
4. **Section B** comprises of **14** questions carrying 2 marks each.
5. **Section C** comprises of **4** questions carrying 3 marks each.
6. Question numbers **1 to 10** in **Section A** are multiple choice questions where you are to select **one** correct option out of the given four.

Section A
(Questions 1 to 10 carry 1 mark each)

1. Decimal number represented by point A on the number line is_____.



- A. 1.10
B. 1.7
C. 1.8
D. 1.9

2. Read the following table:

Favorite Game	
Name of game	Number of students
Cricket	
Football	
Hockey	
Basketball	
Volley ball	

Difference between the students who like hockey and football is:

- A. 4
 B. 3
 C. 2
 D. 1
3. The side of a square with perimeter 70 m is
 A. 17 m
 B. 280 m
 C. 17.5 m
 D. 16 m
4. If the cost of one book is Rs 10 then the cost of n such books will be:
 A. $10 + n$
 B. $10n$
 C. $10 - n$
 D. N
5. In $3:4 :: x:8$ find x.
 A. 3
 B. 6
 C. 5
 D. 4

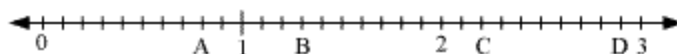
6. A rectangle has _____ lines of symmetry.
 - A. 2
 - B. 3
 - C. 1
 - D. Zero
7. If AB is perpendicular bisector of CD at P then
 - A. $CP = PD$
 - B. $AP = PB$
 - C. $AC = AD$
 - D. $CD = BD$
8. 8.6 when written as a fraction in mixed fraction form is:
 - A. $8\frac{6}{10}$
 - B. $86/10$
 - C. $43/5$
 - D. $86/100$
9. The value of expression $4y + 12$ at $y = 1$ is:
 - A. 12
 - B. 16
 - C. 15
 - D. 18
10. Alphabet H has _____ line of symmetry.
 - A. 2
 - B. 3
 - C. 1
 - D. zero

Section B

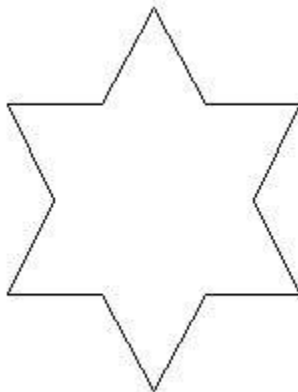
(Questions 11 to 24 carry 2 marks each)

11. The weight of an empty gas cylinder is 18 kg 75 g. The weight of the gas contained in it is 12 kg 350g. What is the total weight of the cylinder filled with gas?
12. Consider Standard vii of a school. There are four divisions in class VI of a school. Standard VI-A has 10 girls and 12 boys. Standard VI-B has 6 girls and 20 boys. Standard VI-C has 18 girls and 12 boys. Standard VI-D has 16 girls and 24 boys.
 - (a) Tabulate the data.
 - (b) Count the total number of boys and girls from each section?

13. Three sides of a quadrilateral are 30cm, 40cm and 25cm. Find the length of its fourth side if the perimeter is 130cm.
14. Balls are to be transferred from larger boxes into smaller boxes. When a large box is emptied, the balls from it fill two smaller boxes and still 10 balls remains outside. If the number of balls in a small box is taken to be x , what is the number of balls in the larger box?
15. Write the decimal number represented by the points A, B, C, D on the given number line?



16. Length and breadth of a rectangular field are 20 m and 15 m respectively. Find the ratio of the breadth to the length of the field.
17. Draw the maximum number of lines of symmetry of the following figure:

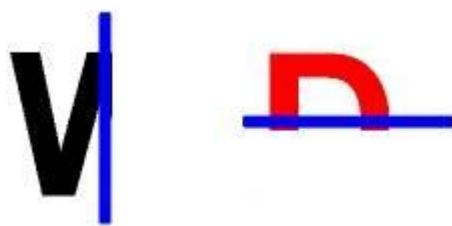


18. Draw any line segment AB. Mark any point P on it. Through P, draw a perpendicular to AB. (Use ruler and compasses only)
19. What is to be added to 74.5 to get 91?
20. Study the following tally chart and answer the following questions.

Fruit	Votes
Apple	
Banana	
Peach	
Pear	

- (a) Count the number of votes for Banana.
- (b) Count the number of votes for Pear.

21. If the area of a rectangle is 243 sq m and the length is 27 m, what is the breadth of the rectangle?
22. Express each of the following as an algebraic expression.
 (a) Sum of y and 7.
 (b) Number a divided by 23.
23. Ravi earns Rs 1800 in 6 days. How much will he earn in 54 days?
24. Complete the following alphabets whose one half and axis of symmetry is given.



Section C

(Questions 25 to 28 carry 3 marks each)

25. There are 3 different coloured balls in a bucket. The total number of balls is 55. If the number of blue balls is 25 and others are in a ratio of 2 : 1. Find the number of other two balls. Also, find the ratio of the sum of numbers of the other two to the blue balls.
26. There is a pictograph showing rainfall in cm of different cities named (A, B, C, D, E and F) during the current year. On the basis of this pictograph answer the following questions.



this symbol represents 25 cm. of rainfall.

City A	      
City B	         
City C	     
City D	 
City E	  
City F	

1. In which city did maximum rainfall occur?
2. In which city did minimum rainfall occur?
3. The city A recorded how much more rainfall than the city F.

27. Draw a right angle triangle right angled at B. Construct perpendicular bisectors of sides AB and BC, locate the point where they intersect.
28. Sachin wants to cover the floor of a room 16 m wide and 15 m long with rectangular tiles of 1.5 m long and 1m wide. Then find the number of tiles required to cover the floor.