INDIAN SCHOOL SOHAR
SUMMATIVE ASSESSMENT – 1
MATHEMATICS

Class-VI   **Time: 2 Hours**

Date: 01 /2 /17   **Marks: 60**

General Instructions:
1. All questions are compulsory.
2. The question paper consists of 24 questions divided into four sections A,B,C and D. Section A comprises of 6 MCQ each question of 1 mark, Section B comprises of 6 questions of 2 marks each, Section C comprises of 6 questions of 3 marks each and Section D comprises of 6 questions of 4 marks.

SECTION –A (Each question carries 1 mark)

Choose the correct answer from the options given below :

1.   The fraction $\frac{14}{3}$ is a ……………fraction

   (a)Proper   (b) Improper   (c) Mixed   (d) Unit

2.   The number ……..is neither a positive integer nor a negative integer.

   (a) 0   (b) 1   (c) 2   (d) (-1)

3.   The data which is represented in the form of pictures is called…..

   (a) tally mark   (b) pictograph   (c) bar graph   (d) data

4.   It has a definite length….

   (a) ray   (b) line   (c) line segment   (d) circle

5.   The number of sides in a hexagon is …

   (a) 3   (b) 5   (c) 6   (d) 7

6.   Which of the following is an equation

   (a) 3y +5 = 20   (b)   3y+ 5   (c) 3y + 1   (d) 5y + 3

SECTION - B (Each question carries 2 marks)

7. Add the following integers using number line: 3 + (- 5)

8. (a) Change the mixed fraction into improper fraction: $9\frac{1}{3}$

 8 (b). Write the expression of the statement given: (7 is added to p)

 9. Write the product of middle terms and product of extreme terms and write the terms are proportional

   or not   50 : 60 :: 80 : 96

10.   Find the difference: (a)   100 – 78.65   (b) 50 – (- 48)

11.   A rectangular park is 56 m wide and 98m long. Find the length of the wire required to

    fence the park around it.

12.   Construct an $\angle ABC = 90^0$ using compasses and ruler.

SECTION – C (Each question carries 3 marks)

13. Find the sum: (a) (- 315) + (- 100) + (- 450)   (b) 5 kg 450 g + 7 kg 25 g + 2 kg 5 g

14. If in the class there are 20 boys and 40 girls, find the ratio in the simplest form of the following :

   (a) Number of boys to number of girls

   (b) Number of girls to total number of students in the class,

   (c) Number of boys to total number of students in the class.

15. Draw a circle of 4 cm. radius and show the following in it
   (a) Point P on it   (b) Point Q interior of it   (c) Point R exterior of it.

16. Find the perimeter of the following :

   (a) square of side 12cm.   (b) regular hexagon of side 15cm.

17. If Sahil earns Rs.246000 in a year, find how much he earns in a month.

18. Rani had Rs. 250 She bought an icecream for Rs.18.5 , sandwich for Rs. 22.25 and juice for Rs.
35.75

   How much did she spend in all and how much left with her.

SECTION – D (Each question carries 4 marks)

19. The area of the rectangular garden is 1200 sq.m. and its length is 30m. Find its width and also find the
   perimeter of it.

20. Complete the following table and by the inspection of the table, find the solution to the equation:
   $m +10 = 16$

m	1	2	3	4	5	6	7
m+ 10							

21. Solve the following:

   (a) $7\dfrac{1}{3} + 4\dfrac{5}{12}$ (b) $9\dfrac{1}{3} - 4\dfrac{5}{6}$

22. The following table shows the number of students in each class of a school. Represent the
   data as a bar graph choosing one unit is equal to 5 number of students.

Class	VI	VII	VIII	IX	X
Number of students	30	35	25	40	30

23. (a) Sudhir walked 5.2 Km on Monday, 7.25 Km. on Tuesday, 3.655 Km. on Thursday.
      What distance is walked by him in all three days.

23. (b) The cost of 12 Kg. sugar is Rs. 264. What will be the cost of 31 Kg of sugar.

24. Fill in the blanks in respect of rectangle:

SL. NO.	LENGTH	BREADTH	AREA	PERIMETER
1.	10 cm.	8 cm.	?	?
2.	?	12 cm.	240sq.cm.	?

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