ANANDALAYA
PERIODIC TEST-3
Class: VI

विद्या सर्वार्थ साधिका

Subject : Mathematics	M.M : 30
Date : 05-01-2024	Time : 1 hr 30 mins.

General Instructions:
i)   All questions are compulsory.
ii) This question paper contains 16 questions.
iii) Questions 1 – 6 in Section A are questions carrying 1 mark each.
iv) Questions 7 – 13 in Section B are short-answer type questions carrying 2 marks each.
v)   Questions 14 – 15 in Section C are short -answer type questions carrying 3 marks each.
vi) Question 16 in Section D is long-answer type question carrying 4 marks.

Section-A

1. When $\frac{1}{7}$ is written with denominator as 56, its numerator is _____. (1)

   (A) 3   (B) 8   (C) 24   (D) 12

2. Write the decimal number represented by the point S on the given number line. (1)

   (A) 1.2   (B)1.5   (C) 1.6   (D) 1.4

3. A _____ is a collection of numbers gathered to give some information. (1)

   (A) Tally mark   (B) Data   (C) Frequency   (D) None of these

4. There is a large box containing 36 small square wooden boxes. If I make a table top using 20 small boxes, the fraction thus formed will be _____. (1)

   (A) $\frac{2}{9}$ (B) $\frac{5}{9}$ (C) $\frac{6}{9}$ (D) $\frac{5}{7}$

5. What fraction of an hour is 45 minutes? (1)

   (A) $\frac{3}{4}$ (B) $\frac{1}{4}$ (C) $\frac{1}{2}$ (D) $\frac{1}{3}$

6. Laxmi is 157 cm tall, what is her height in metres? (1)

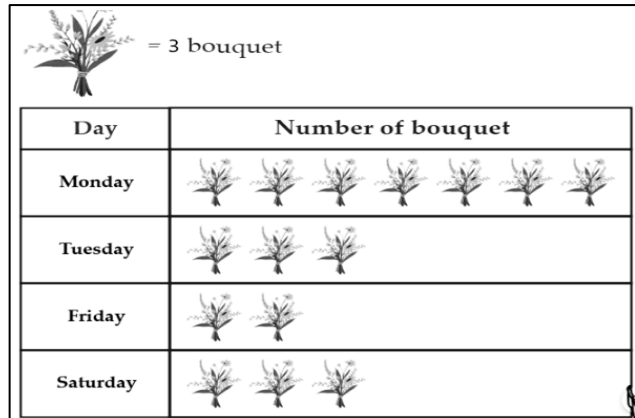   (A) 157m   (B) 15.7m   (C) 1.57m   (D) 15700m

Section-B

7. Classify the following fractions as like fractions and unlike fractions:- (2)
   $\frac{1}{10}$, $\frac{2}{5}$, $\frac{3}{10}$, $\frac{4}{9}$, $\frac{7}{10}$, $\frac{5}{6}$, $\frac{8}{11}$, $\frac{2}{10}$.

8. Write each of the following in decimal form. (2)
   (i) Three hundred five and four-hundredths.
   (ii) $200 + 40 + 3 + \frac{2}{10} + \frac{5}{100}$

9. (i) Express $\frac{28}{5}$ as a mixed fraction. (2)

   (ii) Write a proper fraction whose denominator is 5 more than the numerator.

10. (i) Find the equivalent fraction of $\frac{3}{5}$ having numerator 27. (2)

    (ii) Rewrite the fraction $\frac{36}{24}$ in the simplest form.

11. Subtract the sum of 71.02 and 4.91 from 149.99 (2)

12. Urvi bought vegetables weighing 12 kg. Out of this, 3kg 500 g are onions, 4 kg 75 g are potatoes and rest are tomatoes. What is the weight of the tomatoes in kg? (2)

13. Tina had 20 m 5 cm cloth. She has cut 4 m 50 cm from this for making a curtain. How much cloth is left with her? (2)

Section-C

14. The pictograph below shows the sales of bouquets on 4 different days in a week. Observe the pictograph and answer the following questions: (3)

    (i) On which day of the week, the bouquets sold were the most and how many?

    (ii) How many bouquets were sold together on Monday and Saturday?

    (iii) How many bouquets were sold in all on these four days?

15. (i) Puja spent $2\frac{3}{5}$ hours doing Mathematics home work and $\frac{1}{4}$ of an hour in reading English book. How much time did she spend on studies? (3)

    (ii) In class VI A out of 40 students, 28 come by bus and in class VI B out of 25 students 20 come by bus. Find the difference between the fractions of the class who come by bus.

Section-D

16. (i) Following data shows the favourite sports of class VI students. Draw a tally marks table for the given data: (4)

Sports	Cricket	Football	Basketball	Badminton	Chess
Number of students	17	16	15	12	5

    (ii) The following pictograph shows various books of different subjects that are kept in the school library.
    a) How many History books are there in the library?

    b) Which subject books are maximum in number and how many?