BK BIRLA CENTRE FOR EDUCATION
SARALA BIRLA GROUP OF SCHOOLS
SENIOR SECONDARYCO-ED DAY CUM BOYS' RESIDENTIAL SCHOOL
Pre-Mid Term- 2024-25
MATHEMATICS (041) QUESTION PAPER

Class   : VII

Date   : 03.08.2024

Admission No.:

Duration: 1 Hrs.

Max. Marks: 25

Roll No.:

General Instructions:
Questions 1 to 5 are 1 mark each.
Questions 6 to 9 are of 2 marks each.
Questions 10 and 13 are of 3 marks each.

SECTION-A   (5 × 1 = 5)

Choose the correct answer.

1) The place value of 8 in 5.389 is _____

    a) 0.8   b) 0.08   c) 0.008   d)) None of these

2) What is 1.2×1.2?

    a) 144   b) 14.4   c) 1.44   d)) None of these

3) Mode of the distribution 3, 5, 7, 4, 2, 1 ,4, 3, 4 is ------

    a) 1   b)3   c) 4   d) 7

4) What is $\frac{3}{5}\ of$ 25 _____

    a) 15   b) 10   c) 5   d) None of these

5) The marks of 11 students of a class are given below:

  87, 11 , 99 ,36 ,49 ,6 ,87 ,63 ,30 ,55 ,22 .   The range of marks is

    a) 90   b) 91   c) 92   d) 93

SECTION- B   (4 × 2 = 8)

6) Solve:

  a) 15.61×100 b) 4.258×1000

OR

A car covers a distance of 15.8 km in one litre of petrol. How much distance will it cover in 10 litres of petrol?

7) Multiply and express as mixed fraction:

$$7 \times 2\frac{1}{4}$$

8) The marks (out of 100) obtained by a group of students in a mathematics test are

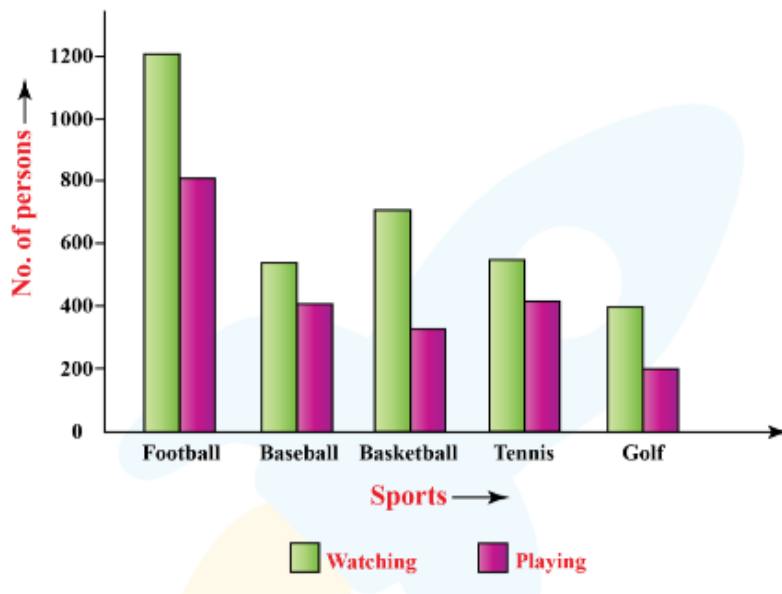85, 76, 90, 85, 39, 48, 56, 95, 81 and 75.

Find the:

(i) Highest and the lowest marks obtained by the students.

(ii) Range of the marks obtained.

9) Observe this bar graph which is showing the data collected from a survey of a city. Answer the following questions

1. Which game has the highest viewers?

2. Which game has the least viewers?

3. Which sports team(s) has about 400 players?

4. How many basketball players are in the city?

SECTION- C   (4 *X* 3 = 12)

10) Solve:

a) $\frac{3}{2} \times 5\frac{1}{3}$ b) $\frac{4}{9} \div \frac{2}{3}$

11) Find.

a) $52.5 \div 10$ b) $98.72 \div 100$ c) $128.9 \div 1000$

OR

A vehicle covers a distance of 43.2 km in 2.4 litres of petrol. How much distance will it cover in one litre of petrol?

12) The runs scored in a cricket match by 11 players is as follows:

6, 15, 120, 50, 100, 80, 10, 15, 8, 10, 15

Find the mean, mode and median of this data. Are the three same?

13) Number of children in six different classes are given below. Represent the data on a bar graph.

Classes	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth
Number of children	115	100	85	90	80	75

*************************The End ********************************