

10.02.2020

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Marks: 20

STD: VII

PA4 - MATHS (PART - I)

Time: 30 min

I. Fill in the blanks:

5x1=5

1. The difference between the highest observation and the lowest observation is _____.
2. The most common representative value of a group of data is _____.
3. Write the formula for mean.
4. _____ lies between the highest and the lowest value of the given data.
5. Two vessels contain 10ℓ and 50ℓ of water. What is the amount that each vessel would have, if both share the water equally?

II. Answer the following:

6. Find the mean of first five natural numbers. (3)
7. The number of children in ten families are given below:
2, 4, 3, 4, 2, 3, 1, 1, 5, 5
 - a) What is the highest number.
 - b) What is the lowest number.
 - c) Find Range.
 4. Find mean. (4)
8. Find the range of the given data: 4, 2, 9, 0, 19. 18. (2)
9. Construct $\triangle ABC$ such that $AB = 7\text{cm}$, $\angle B = 80^\circ$ and $\angle A = 60^\circ$. (6)