



# ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



**SUBJECT :Arithmetic**

**Marks:15**

**CLASS 8**

**Work sheet 3**

**DATA HANDLING**

**Date:9.4.2020**

Answer all the following questions( $1 \times 15 = 15$ )

- The range of the data: 6,14,20,16,6,5,4,18,25,15, and 5 is
  - 4
  - 21
  - 25
  - 20
- The class mark of the class 20-30 is
  - 20
  - 30
  - 25
  - 10
- The difference between the highest and the lowest value of the observations in a data is called:
  - Mean
  - Range
  - Total frequency
  - Sum of observation
- In the interval 35-45, 45 is called
  - Upper limit
  - Lower limit
  - Range
  - Frequency
- The number of times a particular observation occurs in a given data is called:
  - Its frequency
  - Its range
  - Its mean
  - None of these
- Tally marks are used to find which of the following?
  - Frequency
  - Lower limits

- III. Upper limits
- IV. Class marks

- 7 .The arithmetic mean of the numbers 1,6,0,-2, 4,7,5 is
- I. 3
  - II. 1
  - III. – 2
  - IV. 7
- 8 .The mean is also called?
- I. Mode
  - II. Median
  - III. Average
  - IV. none of these
- 9 .A collection of numerical facts about objects or events is called?
- I. Statistics
  - II. Data
  - III. Sample
  - IV. none of these
- 10 .If total weight of 20 students is 800 kgs, the average weight of a student is?
- I. 40kg
  - II. 45kg
  - III. 50kg
  - IV. 20 kg
11. If the arithmetic mean of the observations  $x$ ,  $x+1$ ,  $x-1$  is 30, then  $x$  is?
- I. 15
  - II. 3
  - III. 30
  - IV. 10
12. The mean of first 5 prime numbers is
- I. 5.6
  - II. 2.6
  - III. 4
  - IV. 1.8
13. 0- 5, 5-10, 10-15 ... .. are called?
- I. class mark
  - II. class frequency
  - III. class intervals
  - IV. class width
14. The mean of 5 numbers is 20. If one number is excluded, mean of remaining numbers becomes 23. The excluded number is
- I. 8
  - II. 10
  - III. 18
  - IV. none of these

15 . If average runs of a all players in a cricket match is 30,then the total runs of the team is

I. 400

II. 330

III. 250

IV.300

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