



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



CLASS 8

SUBJECT :Arithmetic

Work sheet 3 answer key

Marks:15

DATA HANDLING

Date:9.4.2020

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

1. The range of the data: 6,14,20,16,6,5,4,18,25,15, and 5 is
- 4
 - 21
 - 25
 - 20

Answer:II

Explanation: $25-4=21$

2. The class mark of the class 20-30 is
- 20
 - 30
 - 25
 - 10

Answer: III

Explanation: $(20+30) \div 2 = 25$

3. The difference between the highest and the lowest value of the observations in a data is called:
- Mean
 - Range
 - Total frequency
 - Sum of observation

Answer: II

Explanation: By definition

4. In the interval 35-45, 45 is called
- Upper limit
 - Lower limit
 - Range
 - Frequency

Answer: II

Explanation:By definition

5. The number of times a particular observation occurs in a given data is called:
- I. Its frequency
 - II. Its range
 - III. Its mean
 - IV. None of these

Answer:I

Explanation:By definition

6. Tally marks are used to find which of the following?
- I. Frequency
 - II. Lower limits
 - III. Upper limits
 - IV. Class marks

Answer: I

Explanation: By definition

- 7 .The arithmetic mean of the numbers 1,6,0,-2, 4,7,5 is
- I. 3
 - II. 1
 - III. - 2
 - IV. 7

Answer:I

Explanation: Total divided by 7 =3

- 8 .The mean is also called?
- I. Mode
 - II.Median
 - III. Average
 - IV. none of these

Answer:III

Explanation: arithmetic mean is also known as average

- 9 .A collection of numerical facts about objects or events is called?
- I. Statistics
 - II. Data
 - III. Sample
 - IV. none of these

Answer: II

Explanation:By definition of data

- 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

Answer: I

Explanation: $800 \div 20 = 40$

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

Answer: III

Explanation: $(x + x+1 + x-1) \div 3 = 30$

12. The mean of first 5 prime numbers is

I. 5.6

II. 2.6

III. 4

IV. 1.8

Answer: I

Explanation: $(2+3+5+7+11) \div 5 = 5.6$

13. 0- 5, 5-10, 10-15 are called?

I. class mark

II. class frequency

III. class intervals

IV. class width

Answer: III

Explanation: By definition

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

Answer: I

Explanation: $5 \times 20 - 4 \times 23 = 8$

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

I. 400

II. 330

III. 250

IV. 300

Answer: II

Explanation: $11 \times 30 = 330$

