

**B.C.M.SCHOOL, BASANT AVENUE, DUGRI**

**XI Economics**

**ANSWER KEY**

**Assignment 2**

**Mean, Median and Mode**

1. The single value which represents the entire universe is called

**(a) Central tendency** (b) Range

(c) Index Number (d) Histogram

2. In calculation of \_\_\_\_\_, all items are given equal importance.

**(a) Simple arithmetic means** (b) Weighted arithmetic mean

(c) Median (d) Mode

3. To calculate arithmetic mean by direct method in individual series, we use \_\_\_\_\_ formula.

**(a)  $\sum X / N$**  (b)  $\sum f X / N$

(c)  $\sum fm / N$  (d)  $A + \sum fd / N$

4. Total of given variables is given by \_\_\_\_\_.

(a)  $\sum f X$  **(b)  $\sum X$**

(c)  $\sum fd$  (d)  $\sum fm$

5. Which average is the most suitable in the case of calculating average Intelligence of students in a class?

(a) Mode **(b) Mean**

(c) Median (d) Median and Mode

6. Which average is affected by extreme values?

**(a) Mean** (b) Mode

(c) Median (d) None of the above

7. The values which has the greatest frequency in a series is called

(a) Quartile (b) Median

**(c) Mode** (d) Mean

8. The following values can be located through graph:

(a) Mode (b) Mean

© Weighted mean (d) Combined mean

9. What is the median of the sample 5, 5, 11, 9, 8, 5, 8 ?

(A) 5 (B) 6 (C) 8 (D) 9 Items

10. A good measure of average should be

(A) affected by extreme values

(B) affected by sampling fluctuations

© Based on all values

(D) in capable of further algebraic treatment

11. Mode is found graphically by:

(A) Histogram

(B) frequency polygon

(C) bar diagram (D) Ogive

12 For calculating median all items of the series are arranged in

(A) Descending order

(B) ascending order

© ascending or descending order

(D) none of these

13 Mode refers to that value of the series that occurs \_\_\_\_\_ times in the series

(A) Zero

(B) infinite

© maximum

(E) Minimum

14.

Which of the following formulae is used to find out median?

(a)  $M = l_1 + \frac{\frac{N}{4} - \text{c.f.}}{f} \times i$

(b)  $M = l_2 + \frac{\frac{N}{4} - \text{c.f.}}{f} \times i$

(c)  $M = l_1 + \frac{N - \text{c.f.}}{f} \times i$

(d) None of these

Ans.(d)