

- The single value which represents the entire universe is called  
(a) Central tendency (b) Range  
(c) Index Number (d) Histogram
- In calculation of \_\_\_\_\_, all items are given equal importance.  
(a) Simple arithmetic means (b) Weighted arithmetic mean  
(c) Median (d) Mode
- 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)  $A + \sum fd / N$
- Total of given variables is given by \_\_\_\_\_.  
(a)  $\sum f X$  (b)  $\sum X / N$   
(c)  $\sum fd$  (d)  $\sum fm$
- 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
- Which average is affected by extreme values?  
(a) Mean (b) Mode  
(c) Median (d) None of the above
- The values which has the greatest frequency in a series is called  
(a) Quartile (b) Median  
(c) Mode (d) Mean
- 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

© 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) is 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?

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

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

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

(d) None of these