

Central Tendency.

1.) At a manufacturing ~~plant~~ plant, the unit of quantity manufactured in 8 days are 250, 320, 240, 210, 260, 330, 310, 260

- (a) 210, (b) 260, (c) 240, (d) 250

Ans -> (b)

2. The median, mode, deciles and percentiles are all considered as measures of

- (a) Mathematical averages (b) Population averages.
(c) Sample averages (d) Average of positions.

Ans -> (d)

3. The number of observation are 30 and the value of arithmetic mean is 15 then sum of all values is:

- (a) 15, (b) 450, (c) 200, (d) 45

Ans -> (b)

4. The value of Σfrc is 300, $A = 35$, number of observation are 15 and width of class interval is 5 then arithmetic mean is

- (a) 135, (b) 145, (c) 150, (d) 235

Ans -> (a)

5. The quartiles, median, percentiles and deciles are measures of central tendency classified as:

- (a) Paired average (b) Deviation average (c) Positional averages.
(d) Central average

Ans -> (c)

06. The type of descriptive measures includes:

- (a) measures of skewness (b) measures of dispersion
(c) measures of central tendency (d) all the above

Ans → (d)

07. According to percentiles, the median to be measured must lie in:

- (a) 80th (b) 40th (c) 50th (d) 100th

Ans → (c)

08. The harmonic mean, arithmetic mean and geometric mean are all considered as:

- (a) mathematical averages (b) Population averages
(c) Sample averages (d) Extended measures.

Ans → (a)

09. The value of Σfd is 250, $A = 25$ number of observations are 12 and width of class interval is 6 then arithmetic mean is:

- (a) 25 (b) 250 (c) 150 (d) 275

Ans → (c)

10. The measures which describe the detailed characteristics of whole data set is classified as:

- (a) Average of central value (b) Positive skewed value
(c) Negative skewed value (d) Positive extended value

Ans → (a)

11. The extent to which the values are dispersed around the central observation is considered as:

(a) Trailing (b) Variation (c) Extension

(d) centralized valuation

Ans - (b)

12. The mode is the best measures of tendency if the analysis is:

(a) Descriptive (b) Exploratory (c) Experimental (d) Set of deciles

Ans - (a)

13. In the deciles, the central tendency median to be measured must lie in:

(a) Fourth deciles (b) Seventh deciles

(c) Sixth deciles

Ans - (c)

14. The first deciles of data is 8, ninth deciles is 12 and fifth deciles is 6 then the coefficient of skewness is

(a) ± 2 (b) ± 1 (c) ± 3 (d) ± 4

Ans - (c) ± 3