

Mathematics 10th Class English Medium Unit 5 Online Test

Sr	Questions	Answers Choice
1	Formula to determine the size of a class is:	A. $X_{\max} - X_{\min}$ B. $X_{\max} + X_{\min}$ C. Range/number of groups D. number of groups/Range
2	If variance is equal to 36 then the standard deviation will be:	A. 36 B. 6 C. -6 D. none of these
3	The measures that are used to determine the degree or extent of variation in a data set are called:	A. central value B. A.M C. measures of dispersion D. median
4	The harmonic mean of the observation 0,15,12, is:	A. 3.7 B. 7.3 C. 6.7 D. no harmonic mean
5	The geometric mean of the observations 2,4,8, is:	A. 2 B. 8 C. 4 D. no geometric mean
6	The formula of group data of the median is:	A. $I + h/f(n/2 - c)$ B. $I + \sum f x / \sum f n$, C. $I + f_m / 2f_m - f_{m-1} - f_{m+1} x_n$, D. $A + \sum f u / \sum f n$
7	Coding formula of group data of the arithmetic mean is:	A. $\bar{X} = \sum f X / \sum f$ B. $\bar{X} = \sum f D / \sum f$ C. $\bar{X} = A + \sum f u / \sum f x h$ D. $\bar{X} = A + \sum f u / \sum f$
8	The formula of grouped data of the arithmetic mean is:	A. $\bar{X} = \sum X / n$ B. $\bar{X} = A + \sum f X / \sum f$ C. $\bar{X} = \sum f X / n$ D. $\bar{X} = I + n/f(n/2 - c)$
9	Sum of the deviations of values x from its mean is always "i.e $\sum(x-\bar{x})$ " is to equal:	A. itself B. zero C. median D. mode
10	A histogram is a group/ set of adjacent:	A. squares B. circles C. rectangle D. cube
11	The total of frequency up to an upper class limit or boundary is called:	A. frequency B. class frequency C. cumulative frequency D. relative frequency
12	The formula of range is:	A. $X_{\max} - X_{\min}$ B. $X_{\max} + X_{\min}$ C. groups/weight D. none of these
13	The date presented in the form of frequency distribution is called:	A. distribution B. grouped data C. range data D. regrouped data