

Mathematics 10th Class English Medium Unit 6 Online Test

Sr	Questions	Answers Choice
1	Mean of a variable with similar observations say constant k is.....	A. Negative B. K- itself C. zero D. one
2	A data in the form of frequency distribution is called.....	A. Grouped data B. Ungrouped data C. Histogram D. Dispersion
3	a deviation is defined as a difference of any value of the variable from a.....	A. Constant B. Histogram C. sum D. Frequency
4	Arithmetic means is a measure that determines a value of the variable under study by dividing the sum of all values of the variable by their...	A. Number B. Group C. Denominator D. Numerator
5	In a cumulative frequency polygon freqncies are plotted against.	A. Midpoints B. Upper class boundaries C. Class limits D. Frequency
6	A cumulative frequency table is also called.....	A. Frequency distribution B. Data C. Less then cumulative frequency distribution D. Histogram
7	A frequency polygon is a many side.....	A. Closed figure B. Rectangle C. Square D. Circles
8	A histogram is a set of adjacent.....	A. Squares B. Rectangles C. Circles D. Dots
9	A grouped frequency table is also called.....	A. Data B. Frequency distribution C. Frequency polygon D. Histogram
10	$1 + \cot^2 \theta =$ _____.	A. $\tan^2 \theta$ B. $\operatorname{cosec}^2 \theta$ C. $\cot^2 \theta$ D. $\sec^2 \theta$
11	$\sec^2 \theta - \tan^2 \theta =$ _____.	A. $\sec^2 \theta$ B. $\cos^2 \theta$ C. 1 D. $\sin^2 \theta$
12	$\tan 90 =$ _____.	A. $\sqrt{3}/2$ B. $1/\sqrt{3}$ C. 0 D. undefined
13	If θ lies in 2nd (second) quadrant then $\sin \theta$ and $\operatorname{cosec} \theta$ are:	A. negative B. positive C. zero D. undefined
14	If $\tan \theta = \sqrt{3}$ then $\theta =$ _____.	A. 30° B. 45° C. 60° D. 90°
15	The formula of area of circular sector is:	A. $r\theta$ B. $r^2 \theta$ C. $\frac{1}{2} r^2 \theta$ D. $\frac{1}{2} r \theta$

