

## Mathematics 10th Class English Medium Online Test

Sr	Questions	Answers Choice
1	If $\tan \theta = \sqrt{3}$ then $\theta =$ _____.	A. $30^\circ$ B. $45^\circ$ C. $60^\circ$ D. $90^\circ$
2	The formula of area of circular sector is:	A. $\frac{1}{2}r^2\theta$ B. $r^2\theta$ C. $\frac{1}{2}r^2\theta$ D. $2r^2\theta$
3	In a circle radius 10 what is the length of arc intercepted by a central angle of $60^\circ$ :	A. $\pi/3m$ B. $3/10\pi m$ C. $10\pi/3m$ D. $\pi/30m$
4	A part of the circumference of a circle is called an arc :	A. angle B. arc C. circumference D. radian
5	The radian measure of an angle that forms a complete circle is:	A. $2\pi$ B. $3\pi$ C. $4\pi$ D. $6\pi$
6	D° M' S" form of $45.36^\circ$ is:	A. $45^\circ 21'' 36'$ B. $45' 21'' 36''$ C. $45^\circ 21' 36''$ D. $45'' 21' 36^\circ$
7	Formula $s=r\theta$ is true only when $\theta$ is in:	A. degree B. radian C. revolution D. minute
8	One minute is denoted by:	A. $1'$ B. $1''$ C. $1^\circ$ D. $60'$
9	The circumference of a circle is divided into _____ degrees:	A. $180^\circ$ B. $270^\circ$ C. $360^\circ$ D. $30^\circ$
10	If the rotation of the ray is clockwise, the angle is _____ in measure:	A. positive B. negative C. initial D. terminal
11	An _____ is defined as the union of two non-collinear rays with some common end point:	A. angle B. vertex C. initial side D. terminal
12	If variance is equal to 36 then the standard deviation will be:	A. 36 B. 6 C. -6 D. none of these
13	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
14	The harmonic mean of the observations 0,15,12, is:	A. 3.7 B. 7.3 C. 6.7 D. no harmonic mean
15	The geometric mean of the observations 2,4,8, is:	A. 2 B. 8 C. 4 D. no geometric mean

