

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The circular region bounded by two radii and the corresponding arc is called:	A. Circumference of a circle B. Sector of a circle C. Diameter of a circle D. Segment of a circle
2	To find the public opinion or trend the most suitable statistics is:	A. Mean B. Median C. Mode D. Variance
3	The formula of area of circular sector is:	A. $r^2\theta$ B. $r^2\theta$ C. $\frac{1}{2}r^2\theta$ D. $2r^2\theta$
4	The number of elements of the power set {a,b} are.	A. 1 B. 2 C. 3 D. 4
5	Product of cube roots of unity is:	A. 0 B. 1 C. -1 D. 3
6	$3\pi/4$ radian =	A. 115° B. 135° C. 150° D. 30°
7	median from the data 82,93,86,92 and 79 is.....	A. 82 B. 86 C. 92 D. 93
8	Question Image <input style="width: 150px; height: 20px;" type="text"/>	A. $\frac{a+b}{2}$ B. Improper fraction C. Irrational fraction D. Rational fraction
9	Mean is affected by change in;	A. Place B. Scale C. Rate
10	In class (30-39), lower class limit is....	A. 39 B. 9 C. 30 D. 34.5
11	The formula of group data of the median is:	A. $l + \frac{h}{f} \left(\frac{n}{2} - c \right)$ B. $l + \frac{\sum f_x}{\sum f} x_n$ C. $l + \frac{f_{sub>m</sub> - f_{sub>1</sub>}}{2f_{sub>m</sub>} - f_{sub>1</sub>}} \times n$ D. $A + \frac{\sum f_u}{\sum f} x_n$
12	The measures that are used to determine the degree or extent of variation in a data set are called measures of:	A. Dispersion B. Central tendency C. Average
		A. $\sin^2\theta$ B. $\cos^2\theta$

13	$1 + \tan^2 \theta =$ _____	<p>family: arial, sans-serif; font-size: 16px;">>θ C. $\operatorname{Cosec}^2 \theta$ family: arial, sans-serif; font-size: 16px;">>θ D. $\operatorname{Sec}^2 \theta$ style="color: rgb(34, 34, 34); font-family: arial, sans-serif; font-size: 16px;">>θ</p>
14	The measure of the external angles of a regular octagon is:	
15	If variance is equal to 36 then the standard deviation will be:	<p>A. 36 B. 6 C. -6 D. none of these</p>
16	The domain of $R = \{(0, 2), (2, 3), (3, 3), (3, 4)\}$ is:	<p>A. $\{0, 3, 4\}$ B. $\{0, 2, 3\}$ C. $\{0, 2, 4\}$ D. $\{2, 3, 4\}$</p>
17	If 1 is the zero of polynomial, then remainder is:	<p>A. 3 B. 2 C. 0 D. 1</p>
18	$O \cap E =$	<p>A. \emptyset B. O C. E D. Z</p>
19	In a circle radius 10 what is the length of arc intercepted by a central angle of 60° :	<p>A. $\pi/3m$ B. $3/10\pi m$ C. $10\pi/3m$ D. $\pi/30m$</p>
20	$\cot 30^\circ =$	<p>A. $1/2$ B. $\sqrt{3}/2$ C. $\sqrt{3}$ D. $1/\sqrt{3}$</p>