

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The portion of circumference of a circle is:	A. Radius B. Chord C. Arc D. Segment
2	$7-7h = 0$, then $h =$:	A. 7 B. 1 C. 0 D. 49
3	The sum of the squares of sides of a rhombus is equal to the sum of the squares of its:	A. Sides B. Diagonals C. Medians D. Altitude
4	The formula of area of circular sector is:	A. $r\theta$ B. $r^2\theta$ C. $\frac{1}{2}r^2\theta$ D. $2r^2\theta$
5	Radii of a circle are:	A. All equal B. Double of the diameter C. All unequal D. Half of any chord
6	Out of two congruent arcs of a circle, if one arc makes a central angle of 30° then the other arc will subtend the central angle of:	A. 15° B. 30° C. 45° D. 60°
7	Factors of $5x^2-30=0$ are:	A. $5x(x+6)$ B. $6x(x+5)$ C. $6x(x-5)$ D. $5x(x-6)$
8	In a set of data 41,43,47,51,57,52 ,59 median is:	A. 51 B. 47 C. 52 D. None of these
9	Any pair of radii divides a circle into _____ sectors:	A. Two B. Three C. Four D. Five
10	The distance between the centres of two congruent touching circles externally is:	A. Of zero length B. The radius of each circle C. The diameter of each circle D. Twice the diameter of each circle
11	The formula of grouped data of the arithmetic mean is:	A. $\bar{X} = \frac{\sum X}{n}$ B. $\bar{X} = A + \frac{\sum fX}{\sum X}$ C. $\bar{X} = \frac{\sum fX}{n}$ D. $\bar{X} = l + \frac{n}{f} (\frac{n}{2} - c)$
12	Tangents drawn at the ends of _____ of a circle are parallel to each other:	A. Chord B. Diameter C. Corners D. Arc
13	The line that passes through centre and touches a circle at two points is called:	A. Diameter B. Radius C. Arc D. Corners
14	The relation $\{(1,2),(2,3),(3,3)(3,4)\}$ is.	A. Onto function B. Into function C. Not a function D. One-One function.
15	Mean is affected by change in;	A. Place B. Scale C. Rate

16	Question Image <input type="text"/>	A. -2 B. 2 C. 4 D. -4
17	Tan $180^\circ =$	A. 0 B. 1 C. Not defined D. -1
18	If $\tan\theta = \sqrt{3}$. then θ is equal to	A. 90° B. 45° C. 60° D. 30°
19	The measure of a central angle of minor arc of a circle is _____ that of the angle subtends by corresponding major arc:	A. Half B. Equal C. Double D. Triple
20	Tangents drawn at the end points of the diameter of a circle are:	A. Parallel B. Perpendicular C. Intersecting