

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The two tangents drawn to a circle from a point outside it, are equal in;	A. Length B. Radius C. Measure D. Diameter
2	Product of cube roots of unity is:	A. 0 B. 1 C1 D. 3
3	In the given set of data 5,7,7,5,3,7,2,8,2 mode is:	A. 9 B. 5 C. 2 D. 7
4	Cosθ,Secθ =	A. 1 B. tanθ C. 0 D. Cosθ
5	The Range of R is, if $R = \{(1,3),(2,2),(3,1),(4,4)\}.$	A. {1,2,4} B. {3,2,4} C. {1,2,3,4} D. {1,3,4}
6	How many right angles are there in 360 degree?	A. Two B. Four C. Six D. Eight
7	A data in the form of frequency distribution is called:	A. Grouped data B. Ungrouped data C. Histogram
8	W - N =	A. ∅ B. {∅} C. N D. W
9	The tangent and radius of a circle at the point of contact are:	A. Parallel B. Not perpendicular C. Perpendicular
10	If the incentre and circumcenter of a triangle coincide the triangle is:	A. Right angle B. Scaleve C. Isosceles D. Equilateral
11	Locus of a point in the plane equidistant from a fixed point is called:	A. Radius B. Circle C. Circumference D. Diameter
12	Cos 60 ^o =	A. 1/2 B. √3/2 C. 2 D. 2/√3
13	An arc subtends a central angle of 40° then the corresponding chord will subtend a central angle of:	A. 20° B. 40° C. 60° D. 80°
14	The square of standard deriation :	A. Standard deriation B. Range C. Dispersion D. Variance
15	Tangent drawn at the ends of diameter of a circle of to each other:	A. parallel B. perpendicular C. collinear D. none parallel
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16	Circles having three points in common:	B. Collinear C. Not coincide
17	The range of R = $\{(1, 3), (2, 2), (3, 1), (4, 4)\}$ is:	A. {1, 2, 4} B. {3, 2, 4} C. {1, 2, 3, 4} D. {1, 3, 4}
18	Sin (-310 ^o) =	A. Sin310 ^o BSin310 ^o C. Cos310 ^o D. tan310 ^o
19	The relation R = $\{(1,2),(2,3),(3,3),(3,4)\}$ IS:	A. Not a function B. Onto function C. One-One function D. Into function
20	If A has two elements and B has 3 elements, then number of binary relations in A x B is	A. 2 x 3 B. 2 ³ C. 2 ⁶ D. 2 ²