10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	A grouped frequency table is also called.....	A. Data B. Frequency distribution C. Frequency polygon D. Histogram
2	Acute angle is:	A. 80° B. 60° C. 90° D. 120°
3	$1+Cot^2\ \theta$	A. Sin²θ B. Cos²θ C. Cosec² θ D. Sec²θ
4	A data in the form of frequency distribution is called.....	A. Grouped data B. Ungrouped data C. Histogram D. Dispersion
5	A ratio has:	A. No units B. Oneunit C. Twounits D. Threeunits
6	The tangent and radius of a circle at the point of contact are _____:	A. Parallel B. Not perpendicular C. Perpendicular D. None of these
7	If number of elements in set A is 3 and in set B is 4 then number of elements in AxB is:	A. 3 B. 4 C. 12 D. 7
8	Tan 90° = _____	A. 1 B. 0 C. Undefined D. None of these
9	The nature of roots in equation $7x^2+8x+1=0$ is:	A. Rational and unequal B. Irrational and unequal C. Rationaland equal D. Irrationaland equal
10	$ax^2+bx+c=0$, c is the:	A. Co-efficient B. Variable C. Factors D. Constant
11	Formula /=rθ is true only when θ is in:	A. degree B. radian C. revolution D. minute
12	In an arc of circle substends a central angle 60°, then corresponding chord will make central angle:	A. 20° B. 40° C. 60° D. 80°
13	If a line is drawn perpendicular to a radial segment of a circle at its occurs and point, it is _____ to the circle at that point:	A. Radial B. Parallel C. Tangent D. Perpendicular
14	The nature of the roots of equation $ax^2+bx+c=0$, is determined by:	A. Sum of the roots B. Product of the roots C. Synthetic division D. Discriminant
15	How many tangents can be drawn from a point outside it ?	A. 1 B. 2 C. 3 D. 4

16	If 1 is the zero of polynomial, then remainder is:	A. 3 B. 2 C. 0 D. 1
17	If set has 3 and B has 2 elements then number binary relations of A x B.	A. 2² B. 2⁸ C. 2⁶ D. 2³
18	if a=1, b=-3 and c= 3, then discriminant is:	A. 3 B. -2 C. 2 D. -3
19	Line intersecting a circle is called:	A. Tangent B. Secant C. Chord D. Diamter
20	The circular region bounded by an arc of a circle and its two corresponding radial segments is called a:	A. Sectorof the circle B. Areaof the circle C. Radiusof the circle D. Circumferenceof the circle