10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	If R= { (a,2),(b,3),(c,3) }, then Dom R = _____	A. {1,2} B. {1,2,3} C. {a,b,c} D. {a,c}
2	In which quadrant 0 lie when Co secθ<0, cosθ<0?	A. I B. II C. III D. IV
3	1/2 Cosec 45^{o} = _____	A. 1/2√2 B. 1/√2 C. √2 D. √3/2
4	The positive square coot of mean of the squared deviations of x_1 (i = 1,2.....n) observation from their arithmetic mean is called.	A. Harmonic mean B. Range C. S.D D. Variance
5	If two sets have some elements common but not all are called..... sets	A. Sub B. OVERLAPPING C. Disjoint D. Super
6	The radius of a circumscribed circle is called:	A. Circum-radius B. Escribed-radius C. In-radius D. Radius
7	$Sec^{2}θ$_____	A. 1-Sin²θ B. 1-tan²θ C. 1 + Cos²θ D. 1-tan²θ
8	Question Image	
9	Standard form of quadratic equation is:	
10	In the given set of data 5,5,5,5,5,5,5 the standard deriation is:	A. 5 B. 0 C. 7 D. None of these
11	Roots of following equation are: $9x^{2}-4x+1=0$:	A. Real, Equal B. Real, Unequal C. Imaginary D. Irrational
12	The sum of the squares of the sides of a rhombus is equal to the sum of the squares of its:	A. Sides B. Diagonlas C. Medians D. Altitude
13	A and $A^{c}$are.....Set.	A. Universal B. Overlapping C. Disjoint D. Super
14	A circle of radius 'r' has area:	A. πr² B. 2πr C. 2πr² D. 1/2πr
15	Co sec 60^{o} = ...	A. 1/2 B. √3/2 C. 2 D. 2/√3
16	In ax^{2}+b+c, the co-efficient of x is:	A. b B. d C. c D. a

17	tan 30^{o}=.....	A. 1/2 B. √3/2 C. √3 D. 1/√3
18	Cot 60^{o}=_____	A. 1/√3 B. √3 C. 1/2 D. 2
19	Diameter _____a circle:	A. Divides B. Trisects C. Intercept D. Bisects
20	The semi circumference, and the diameter of a circle both subtend a central angle of:	A. 90° B. 180° C. 270° D. 360°