10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	A ratio has:	A. No units B. Oneunit C. Twounits D. Threeunits
2	Point (-1, 4) lies in the quadrant:	A. I B. II C. III D. IV
3	Secθ Cotθ = _____	A. Sinθ B. 1/ Sinθ C. 1/Cosθ D. Sinθ / Cosθ
4	The sum of 30 observations is 1500. Its average will be:	A. 1500 B. 150 C. 15 D. None of these
5	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}
6	The relation {(a,b),(b,c),(a,d)} is..................................	A. A function B. Not a function C. Range D. Domain
7	Question Image	
8	Mean is affected by change in_____:	A. Place B. Scale C. Rate D. Origen
9	Power set of empty set.	A. $\varnothing$ B. {a} C. {$\varnothing$,{a}} D. {$\varnothing$}
10	Mode from the following data ,4.4,5.5,6.6,7.7,8.8,6.5,6.5,7 is..........	A. 4 B. 5 C. 5.6 D. 5.7
11	To solve (x+a)(x+b)(x+c)(x+d) = k, we have:	A. a-b=b-c B. a-b=c-d C. a+b=c+d D. a-c=b-c
12	The line joining the two points of circle is called:	A. Chord B. Diameter C. Arc D. Radius
13	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
14	The length of a chord and the radial segment of a circle are congruent, the central angle made by the chord will be:	A. 30° B. 45° C. 60° D. 75°
15	Question Image	A. 2 B. 1 C. 0
16	A 4cm long chord subtends a central angle of 60°. The radial segment of this circle is:	A. 1 B. 2 C. 3 D. 4

17	Question Image	
18	The distance of a point outside the circle from its centre is _____ than the radius:	A. Less B. Equal C. Greater D. None of these
19	Question Image	A. $u = v^2$ B. $u = kv^2$ C. $uv^2 = k$ D. $uv^2 = 1$
20	A set with no element is called:	A. Subset B. Empty set C. Singleton set D. Super set