

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	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
2	Locus of a point in the plane equidistant from a fixed point is called:	A. Radius B. Circle C. Circumference D. Diameter
3	A set Q = $\{a/b\}$ a, $b \in Z \land b \neq 0\}$ is called a set of.	A. Whole numbers B. Natural number C. Irrational numbers D. Rational numbers
4	20° =	A. 360' B. 630' C. 1200' D. 3600'
5	K is known as:	A. Sign of proportionality B. Extremes C. Constant of proportionality D. Means
6	1+tan ² θ =	A. Sin ² θ B. Cos ² θ C. Co Sec ² θ D. Sec ² θ
7	The symbol for a circle:	
8	Equation $3^{2-x} + 6 = 0$ is of type:	A. Exponential B. Radical C. Reciprocal D. Non
9	In a circle radius 10 what is the length of are intercepted by a central angle of 60°:	A. π/3m B. 3/10πm C. 10π/3m D. π/30m
10	Question Image	A. Proper fraction B. Improper fraction C. Irrational fraction D. Rational fraction
11	$\operatorname{Cosec}^2\theta$ - $\operatorname{Cot}^2\theta$ =	A1 B. 1 C. 0 D. tanθ
12	A circle has only one:	A. Secant B. Chord C. Diameter D. Centre
13	The portion of a circle bounded by an arc and a chord is known as:	A. Diameterof the circle B. Radiusof the circle C. Chordof the circle D. Segmentof the circle
14	Question Image	B. bc
15	if A and B are disjoint sets , then A \cup B is equal to.	A. A B. B C. Ø D. B∪ A
16	The mean of the squared deviations of X observations from their arithmetic mean is called.	A. Variance B. Standard deviation C. Range D. Harmonic mean

. . . .

17	The mean of the squared deviations of x_i (i = 1, 2,,n) observations form their arithmetic mean is called:	A. Variance B. Standard deviation C. Range
18	The some of cube roots of unity is:	A. Zero B. One C. Two D. Three
19	E - O =	A. ∅ B. O C. E D. Z
20	If B={1,2,100} and C = {2,100}, then B∩C =	A. {1,2} B. {1,2,100} C. {2} D. {2,1}