

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Question Image	A. Rational number B. Irrational number C. Natural number D. Real number
2	Tangents drawn at the end points of the diameter of a circle are:	A. Parallel B. Perpendicular C. Intersecting
3	Geometric mean of 2,4,8 is	A. 2 B. 4 C. 8 D. 3
4	The value of <i>i</i> is equal to:	
5	The discriminant of quadratic equation is:	B. b ² -4ac Cb ² +4ac
6	1+ $\cot^2 \theta = $	A. tan ² θ B. cosec ² θ C. cot ² D. sec ² θ
7	Point (-1,4) , lies in the quadrant.	A. I B. II C. III D. IV
8	1/2 Cosec 45 ⁰ =	A. 1/2√2 B. 1/√2 C. √2 D. √3/2
9	If a chord of a circle subtends a central angle of 60° , then the length of the chord and the radial segment arc:	A. Congruent B. Incongruent C. Parallel D. Perpendicular
10	A histogram is a set of adjacent:	A. Squares B. Rectangles C. Circles
11	Acute angle is:	A. 80° B. 60° C. 90° D. 120°
12	The nature of roots depends on the value of:	Ab+4ac B. b ² +4c C. b ² -4ac Db+4ac ²
13	In which quadrant 0 lie when $\cos\theta$ < , $\sin\theta$ < o ?	A. I B. II C. III D. IV
14	A fraction in which the degree of numerator is less than the degree of the denominator is called:	A. An equation B. An improper fraction C. An identity D. A proper fraction
15	How many right angles are there in 360 degree?	A. Two B. Four C. Six D. Eight
16	Cotθ =	A. Sinθ/cosθ B. 1/cosθ C. Cosθ/Sinθ D. 1/sinθ
		A 6.08

A. 6.08

17	Harmonic mean for 1,2,5,8,4 is	B. 5.08 C. 7.08 D. 4.08
18	Equal chords of a circle (or of congruent circles) subtend equal at the centre (corresponding centres):	A. Arcs B. Angles C. Regions D. Chords
19	The measures that are used to determine the degree or extent of variation in a data set are called measures of:	A. Dispersion B. Central tendency C. Average
20	The semi circumference, and the diameter of a circle both subtend a central angle of:	A. 90° B. 180° C. 270° D. 360°