

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	If $a : b = c : d$, then $a - b : b = c - d : d$ is called theorem of :	A. Componendo B. Dividendo C. (a) & (b) D. Invertendo
2	Which is one is a quadrantal angel?	A. 30° B. 45° C. 60° D. 90°
3	Question Image	A. $u = w^2$ B. $u = v^2$ C. $u = w^2$ D. $u = v^2$
4	The nth root of product of 'n' number of values is called:	A. Arithmetic mean B. Geometric mean C. Harmonic mean D. Standard derivation
5	If set has 3 and B has 2 elements then number binary relations of $A \times B$.	A. 2^2 B. 2^8 C. 2^6 D. 2^3
6	The third proportional of x^2 and y^2 is:	B. $x^2 y^2$
7	The portion of a circle bounded by an arc and a chord is known as:	A. Diameter of the circle B. Radius of the circle C. Chord of the circle D. Segment of the circle
8	The circumference of a circle is:	
9	$\text{Cosec}^2 \theta - \cot^2 \theta =$ _____	A. -1 B. 1 C. 0 D. $\tan \theta$
10	In a ratio $a:b$, a is called:	A. Relation B. Antecedent C. Consequent D. None of these
11	A set $Q = \{a/b \mid a, b \in \mathbb{Z}^+ \wedge b \neq 0\}$ is called a set of.	A. Whole numbers B. Natural number C. Irrational numbers D. Rational numbers
12	The line that passes through centre and touches a circle at two points is called:	A. Diameter B. Radius C. Arc D. Corners
13	The positive square root of mean of the squared deviation of $X_{\{1=1,2,3,\dots,n\}}$ observations from their arithmetic mean is called.	A. Harmonic mean B. Range C. Standard deviation D. Variance
14	In which quadrant only $\cos \theta$ and $\sec \theta$ are positive?	A. I B. II C. III D. IV
		A. I B. II C. III D. IV

15	In which quadrant 0 lie when $\cos\theta < 0$. $\tan\theta < 0$?	B. II C. III D. IV
16	Mean is affected by change in	A. Place B. Scale C. Rate D. None of these
17	The important thing in ratio is:	A. Value of the elements B. Order of the elements C. Unit of the elements D. Quantity of the elements
18	The length of a tangent to a circle is from the given point to the point of:	A. start point B. end points C. contact D. collinear
19	The boundary of a circle is called:	A. Circumference B. Arc C. Line D. Area
20	The Range of R is, if $R = \{(1,3),(2,2),(3,1),(4,4)\}$.	A. {1,2,4} B. {3,2,4} C. {1,2,3,4} D. {1,3,4}