

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Rang =.....	A. $X^m + X^o$ B. $X^m \cdot X^o$ C. X^m / X^o D. $X^m - X^o$
2	A circle has only one:	A. Secant B. Chord C. Diameter D. Centre
3	Right bisector of the chord of a circle always passes through the:	A. Radius B. Circumference C. Centre D. Diameter
4	If $a : b = c : d$, then $a + b : b = c + d : d$ is called theorem of :	A. Alternando B. "Invertendo" C. Dividendo D. Componendo
5	The positive square root of mean of the squared deviations of $x_i (i=1, 2, \dots, n)$ observations from their arithmetic mean is called:	A. Harmonic mean B. Range C. Standard deviation
6	Out of two congruent arcs of a circle, if one arc makes a central angle of 30° then the other arc will subtend the central angle of:	A. 15° B. 30° C. 45° D. 60°
7	In a proposition $a:b::c:d$, a and d are called:	A. Means B. Extremes C. Fourth proportional D. None
8	The domain of $R = \{(0, 2), (2, 3), (3, 3), (3, 4)\}$ is:	A. $\{0, 3, 4\}$ B. $\{0, 2, 3\}$ C. $\{0, 2, 4\}$ D. $\{2, 3, 4\}$
9	$\sin 60^\circ =$	A. 1 B. 0
10	The spread or scatierness of observations in a data set is called.	A. Average B. Dispersion C. Central tendency D. Quartile
11	A part of the circumference of a circle is called:	A. A segment B. A sector C. An arc D. A radius
12	If set a has 3 elements and B has 4 then $A \times B$ has _____ elements.	A. 3 B. 4 C. 12 D. 7
13	The ratio of 1km to 600m is:	A. 1 : 6 B. 5 : 3 C. 3 : 2 D. 2 : 1
14	Tangents drawn at the ends of diameter of a circle are _____ to each other:	A. Parallel B. Non parallel C. Collinear

		D. Perpendicular
15	If number of elements in set, A is 3 and in set B is 2 then number of binary relations in $A \times B$ is:	A. 2^3 B. 2^6 C. 2^8 D. 2^2
16	Every improper fraction can be reduced to sum of polynomial and a proper fraction by:	A. Addition B. Division C. Subtraction D. Multiplication
17	Two intersecting circles are not:	A. Incentric B. Escribecentric C. Concentric D. Circumcentri
18	In which quadrant only $\cos\theta$ and $\sec\theta$ are positive?	A. I B. II C. III D. IV
19	A value best representing a set of data is called:	A. Average B. Variance C. Standard derivation D. None of these
20	Question Image <input type="text"/>	A. Rational number B. Irrational number C. Natural number D. Real number