

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Which of the following is true?	A. W⊆ N B. Z⊆ W C. N⊆ P D. P⊆ W
2	A part of the circumference of a circle is called:	A. A segment B. A sector C. An arc D. A radius
3	A straight line which cuts the circumference of a circle in two distinct points is called:	A. chord B. secant C. tangent D. sector
4	if a=1, b=-3 and c= 3, then discriminant is:	A. 3 B2 C. 2 D3
5	In ratio a : b, the first term is called:	A. Extremes B. Means C. Consequent D. Antecedent
6	π/3 radians =	A. 30 ^o B. 45 ^o C. 60 ^o D. 90 ^o
7	In proportion a:b::c:d, b and c are called:	A. Means B. Extremes C. Third proportional D. None of these
8	If the incentre and circumcenter of a triangle coincide the triangle is:	A. Right angle B. Scaleve C. Isosceles D. Equilateral
9	If an object is above the level of observation then angle formed between the horizontal line and observer's line of sight is called:	A. Angle of dispersionB. Angle of elevationC. Obtuse angleD. None of these
10	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
11	In a proposition a:b::c:d, a and d are called:	A. Means B. Extremes C. Fourth proportional D. None
12	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
13	If variance is equal to 36 then the standard deviation will be:	A. 36 B. 6 C6 D. none of these
14	The some of cube roots of unity is:	A. Zero B. One C. Two D. Three
15	The nth root of product of 'n' number of values is called:	A. Arithematic mean B. Geometric mean C. Harmonic mean D. Standard deriviation

16	The extent of variation between two extreme observations of a data set is measured by:	A. Average B. Range C. Quartiles
17	the set {0,± 1 ,±2,±3,} is:	A. Set of natural numbers B. Set of whole numbers C. Set of prime numbers D. Set of integers
18	If f is a function from A to B, then f is one - one function if:	A. Range f≠ A B. Range f = B C. Dom f = A D. Second element of all ordered pairs contained in f is not repeated
19	Cot 30° =	A. 1/2 B. √3/2 C. √3 D. 1/√3
20	The discriminant of x^2 -3x+3=0 is:	A3 B. 3 C2 D. 2