10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	Variance is denoted by..........................	A. V B. S C. S^2 D. X
2	The sum of 30 observations is 1500. Its average will be:	A. 1500 B. 150 C. 15 D. None of these
3	The nature of the roots of equation $ax^2+bx+c=0$, is determined by:	A. Sum of the roots B. Product of the roots C. Synthetic division D. Discriminant
4	The geometric mean of the a observations 2,4,8, is:	A. 2 B. 8 C. 4 D. no geometric mean
5	If number of elements in set, A is 3 and in set B is 2 then number of binary relations in A x B is:	A. 2^3 B. 2^6 C. 2^8 D. 2^2
6	Question Image	
7	In ratio a : b, the first term is called:	A. Extremes B. Means C. Consequent D. Antecedent
8	if a=1, b=-3 and c= 3, then discriminant is:	A. 3 B. -2 C. 2 D. -3
9	The symbol used to denote a second is:	A. 1°, 1' B. 1° C. 1" D. 1'
10	A _____ is the locus of a moving point P in a plane which is equidistant forms some fixed point O.	A. circle B. diameter C. chord D. circumference
11	Question Image	C. 1
12	Question Image	C. 1 D. -1
13	Variation has	A. Two types B. Three types C. Four types D. Five type
14	Eculid's Elements have been thought as _____ all over the word for countries:	A. Text book B. Reference book C. Helping book D. Major subject
15	Any chord divides a circle into two:	A. Parts B. Segments C. Sectors D. Shapes
16	The nature of the root of equation $x^2-5x+5=0$	A. Rationaland equal B. Irrationaland unequal C. Irrationaland equal D. Rationaland unequal
17	Line segment joining any point of the circle to the centre is called:	A. Circumference B. Diameter C. Radial segment

		C. Radial segment
		D. Perimeter
18	If one quantity increases and other decreases, the variation is:	A. Inverse B. Direct C. Indirect D. Equal
19	One and only one circle can be drawn through _____ non-collinear collinear points:	A. One B. Two C. Three D. Four
20	If tanθ =√3 thenθ is equal to .	A. 30° B. 45° C. 60° D. 90°