10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	If B={1,2,100} and C = {2,100}, then B∩C = ________	A. {1,2} B. {1,2,100} C. {2} D. {2,1}
2	The straight line joining any two points of the circumference is called:	A. Segment of circle B. Arcof circle C. Chordof circle D. Tangentof circle
3	A central angle is subtended by two radii with the vertex at the ______ of the circle:	A. Arc B. Radius C. Centre D. Chord
4	Power set of an empty set is.	A. ∅ B. {a} C. {∅,{a}} D. {∅}
5	A deviation is defined as a difference of any value of the variable from a.	A. Constant B. Historgram C. Sum D. Product
6	The nature of roots in equation $7x^2+8x+1=0$ is:	A. Rational and unequal B. Irrational and unequal C. Rationaland equal D. Irrationaland equal
7	The average pocket money of 30 students is Rs.20/- , The total amount in the class is:	A. Rs.20/- B. Rs.30/- C. Rs.300/- D. Rs.600/-
8	The nth positive root of the product of the x_1,x_2,x_3,..............x_{11} observation is called.	A. Mode B. Mean C. Geometric mean D. Median
9	An arc substends a central angle of 40° then corresponding chord will substend a central angle of ________:	A. 20° B. 40° C. 60° D. 80°
10	Question Image	
11	The measure of a central angle of minor arc of a circle is _______ that of the angle substends by corresponding major arc:	A. Half B. Equal C. Double D. Triple
12	An angle inscribed in a semicircle is:	
13	Variance is denoted by..........................	A. V B. S C. S² D. X
14	A 4cm long chord subtends a central angle of 60°. The radial segment of this circle is:	A. 1 B. 2 C. 3 D. 4
15	Tan 90° = __________	A. 1 B. 0 C. Undefined D. None of these
16	Power set of an empty set is:	B. {a}
17	Locus of a point in the plane equidistant from a fixed point is called:	A. Radius B. Circle C. Circumference

		D. Diameter
18	The positive square coot of mean of the squared deviations of x_1 (i = 1,2..........n) observation from their arithmetic mean is called.	A. Harmonic mean B. Range C. S.D D. Variance
19	In the given set of data 5,5,5,5,5,5,5 the standard deriation is:	A. 5 B. 0 C. 7 D. None of these
20	The most frequently occurring observation in a data set is called.	A. Mode B. Median C. Harmonic mean D. Mean