10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	In a set of data 63,65,66,67,69, median is:	A. 63 B. 66 C. 67 D. 69
2	Ange inscribed in a semi-circle is a _____ angle:	A. Abtuse B. Right C. Supplementary D. Acute
3	The harmonic mean of the observation 0,15,12, is:	A. 3.7 B. 7.3 C. 6.7 D. no harmonic mean
4	An arc which is shorter than the half of the circumference is called:	A. minor arc B. major arc C. segment D. semi arc
5	The extent of variation between two extreme observations of a data set is measured by......................	A. Average B. Range C. Quartiles D. Mode
6	Question Image	B. bc
7	During frequency distribution number of groups should be between........	A. 5 and 10 B. 10 and 15 C. 10 and 20 D. 5 and 15
8	If a circle passes through three or more paints then these points are called:	A. Incyclic B. Concyclic C. Circumcyclic D. Bicyclic
9	The complement of $\varnothing$ is...........	A. $\cup$ B. $\varnothing$ C. Impossible D. Union
10	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}
11	Synthetic division is simply a short cut of:	A. H.C.F B. L.C.M C. Long division method D. Factorization
12	$Sec^2\theta$_____	A. $1-Sin^2\theta$ B. $1-tan^2\theta$ C. $1 + Cos^2\theta$ D. $1-tan^2\theta$
13	The circular region bounded by two radii and the corresponding arc is called:	A. Circumference of a circle B. Sector of a circle C. Diameter of a circle D. Segment of a circle
14	How many tangents can be drawn from a point outside the circle ?	A. 1 B. 2 C. 3
15	Area of ΔABC = :	A. 1/2(base)(altitude) B. 2(base)(altitude) C. 1/2 x base/altitude D. (base)(altitude)
16	The decimal degrees of 25°30' is:	A. 25.2° B. 25.3° C. 25.4° D. 25.5°

17	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
18	The set {x} x∈ A and x∉ B } is......................	A. A∪ B B. A∩ B C. A - B D. B - A
19	In which quadrate all trigonometric ration are positive?	A. I B. II C. III D. IV
20	The geometric mean of the a observations 2,4,8, is:	A. 2 B. 8 C. 4 D. no geometric mean