10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	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
2	If Y is directly proportional to x it can be written as:	C. x = y D. y : x
3	If the distance between the centres of two circles is equal to the sum of their radii, then the circles will:	A. Intersect B. Do not intersect C. Touch each other externally
4	π/4 radians =..........................	A. 30° B. 60° C. 45° D. 90°
5	1/2 Cosec 45° = _____	A. $1/2\sqrt{2}$ B. $1/\sqrt{2}$ C. $\sqrt{2}$ D. $\sqrt{3}/2$
6	In continued proportion a:b = b:c, ac = b^2, b is said to be _____ proportional between a and c:	A. Third B. Fourth C. Means D. None of these
7	The length of the diameter of a circle is how many times the radius of circle:	A. 1 B. 2 C. 3 D. 4
8	The size of class interval (6-10) is.	A. 4 B. 5 C. 8 D. 10
9	Perpendicular from the centre of a circle on a _____ bisects it:	A. Segment B. Arc C. Sector D. Chord
10	A grouped frequency table is also called.............	A. Data B. Frequency distribution C. Frequency polygon D. Histogram
11	Question Image	
12	The discriminant of $2x^2-7x+1= 0$ is:	A. 41 B. 45 C. 43 D. 47
13	In a proposition a:b::c:d, a and d are called:	A. Means B. Extremes C. Fourth proportional D. None
14	The difference between upper limit of two consecutive classes is a frequency table is called:	A. Class limit B. Class interval C. Class mark D. All of these
15	20° =	A. 360' B. 630' C. 1200' D. 3600'
16	The discriminant of $7x^2+8x+1=0$ is:	A. 32 B. 34 C. 36 D. 38

17	The factors of $3x^2-7x-20=0$ are:	A. (x-4)(3x+5) B. (x+4)(3x-5) C. (x-4)(3x-5) D. (x+4)(3x+5)
18	The number of terms in a standard quadratic equitation $ax^2+bx+c=0$ is:	A. 1 B. 2 C. 3 D. 4
19	If B={1,2,100} and C = {2,100}, then B∩C = _____	A. {1,2} B. {1,2,100} C. {2} D. {2,1}
20	Product of two roots =	