

10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
SI	Questions	
1	The nature of the root of equation x^2 -5x+5=0	A. Rationaland equal B. Irrationaland unequal C. Irrationaland equal D. Rationaland unequal
2	How many common tangents can be drawn for two disjoint circles ?	A. 2 B. 3 C. 4
3	A proportion is a statement which expressed as an equivalence of:	A. Four ratios B. Threeratios C. Tworatios D. Oneratio
4	If R ={(0,2),(2,3),(3,4)} then Dom (R) is:	A. {0,3,4} B. {0,2,3} C. {0,2,4} D. {2,3,4}
5	If A and B are two disjoint sets then A∪ b =	A. A B. B C. ∅ D. B∪ A
6	A frequency polygon is a many sides.	A. Closed figure B. Rectangle C. Circle D. Triangle
7	A line which has only one point in common with a circle is called:	A. Sine of a circle B. Cosineof a circle C. Tangentof a circle D. Secantof a circle
8	The measure which determines the middlemost observation in a data set is called	A. Median B. Mode C. Mean D. Variance
9	Cos 60° =	A. 1/2 B. √3/2 C. 2 D. 2/√3
10	Sum of the cube roots of unity is:	A. 0 B. 1 C1 D. 3
11	Cosθ,Secθ =	A. 1 B. tanθ C. 0 D. Cosθ
12	Two tangents drawn to a circle from a point outside it are of in length	A. Half B. Equal C. Double D. Triple
13	A and A ^c areSet.	A. Universal B. Overlapping C. Disjoint D. Super
		A. 1 B. √2
14	Cot 45 ^o =	C. 1/√2 D. 0
15	Coding formula of group data of the arithmetic mean is:	A. $\overline{X} = \sum fX/\sum f$ B. $\overline{X} = \sum fD/\sum f$ C. $\overline{X} = A + \sum fu/\sum f \times h$ D. $\overline{X} = A + \text{\ }; \sum fu/\sum f$

16	The Discriminant of ax ² +bx+c=0 is:	A. b ² -4ac B. b ²⁺ 4ac Cb ²⁺ 4ac Db ² -4ac
17	Question Image	
18	If set A has all its elements common with set B then set A is calledset.	A. Sub B. Overlapping C. Disjoint D. Super
19	Question Image	
20	If b^2 -4ac > 0, but not a perfect square then roots of ax^2 +bx+c=0 are:	A. Imaginary B. Rational C. Irrational D. None of these