10th Class Math English Medium Online Test For Full Book

Sr	Questions	Answers Choice
1	The discriminant of $2x^2-7x+1=0$ is:	A. 41 B. 45 C. 43 D. 47
2	Question Image	A. Rational number B. Irrational number C. Natural number D. Real number
3	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
4	The decimal degrees of 25°30' is:	A. 25.2° B. 25.3° C. 25.4° D. 25.5°
5	Roots of the equation $4x^2-4x+1=0$ are:	A. Real, equal B. Real, uneqal C. Imaginary D. Irrational
6	$3\pi/4$ radian =	A. 115° B. 135° C. 150° D. 30°
7	Which of the following is complete description of Real numbers?	A. $N \cup W = R$ B. $O \cup E = R$ C. $P \cup Q = R$ D. $Q \cup Q' = R$
8	In which quadrant 0 lie when Sinθ<0,Secθ<0?	A. I B. II C. III D. IV
9	Geometric mean of 2,4,8 is.....................	A. 2 B. 4 C. 8 D. 3
10	If $x \in U$ and $x \notin A$, then {x} is equal to	A. U^c B. A^c C. $\varnothing^c$ D. A - U
11	One minute is denoted by:	A. 1' B. 1" C. 1° D. 60'
12	The positive square root of mean of the squared deviation of X,{1=1,2,3,.......n) observations from their arithmetic mean is called.	A. Harmonic mean B. Range C. Standard deviation D. Variance
13	Circles having three points in common:	A. Over lapping B. Collinear C. Not coincide
14	x-coordinate of every pint on x-axis is.	A. +ve B. -ve C. zero D. 1
15	If $b^2-4ac > 0$ and is not a perfect square, then roots are:	A. Rationaland unequal B. Irrationaland equal C. Rationaland equal D. Irrationaland unequal

16	Cot 45° =	A. 1 B. -1 C. 0 D. Not defined
17	A part of the circumference of a circle is called:	A. A segment B. A sector C. An arc D. A radius
18	if A∩ b =∅, then set A and B are ....sets.	A. sub B. over kaooubg C. Disjoint D. Power
19	The length of a chord and the radial segment of a circle are congruent, the central angle made by the chord will be:	A. 30° B. 45° C. 60° D. 75°
20	Locus of a point in the plane equidistant from a fixed point is called:	A. Radius B. Circle C. Circumference D. Diameter