

## Mathematics 10th Class English Medium Unit 2 Online Test

Sr	Questions	Answers Choice
1	Question Image	
2	Question Image	
3	Question Image	
4	Sum roots of $4x^2-3x+6=0$ :	
5	Roots of following equation are: $9x^2-4x+1=0$ :	A. Real, Equal B. Real, Unequal C. Imaginary D. Irrational
6	The Discriminant of $ax^2+bx+c=0$ is:	A. $b^2-4ac$ B. $b^2+4ac$ C. $-b^2+4ac$ D. $-b^2-4ac$
7	The nature of the roots of equation $ax^2+bx+c=0$ , is determined by:	A. Sum of the roots B. Product of the roots C. Synthetic division D. Discriminant
8	Question Image	A. -2 B. 2 C. 4 D. -4
9	Question Image	
10	Roots of the equation $4x^2-4x+1=0$ are:	A. Real, equal B. Real, unequal C. Imaginary D. Irrational
11	Two square roots of unity are:	A. 1, -1
12	Question Image	
13	Question Image	
14	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
15	If $b^2-4ac < 0$ , then the roots of $ax^2+bx+c=0$ are:	A. Irrational B. Rational C. Imaginary D. None of these