Theory of Quadratic Equations

Sr	Questions	Answers Choice
1	The discriminant of quadratic equation is:	B. b²-4ac C. -b²+4ac
2	Question Image	A. 2 B. 6 D. 5
3	The Discriminant of $ax^2+bx+c=0$ is:	A. b²-4ac B. b²⁺4ac C. -b²⁺4ac D. -b²-4ac
4	The product of three cube roots of unity is:	A. Zero B. Four C. Two D. One
5	Question Image	A. 9 B. 7 C. 5 D. 3
6	Question Image	A. 4 B. 3 C. 1 D. 0
7	Question Image	B. 1
8	Cube roots of -1 are:	
9	Question Image	
10	Question Image	
11	The discriminant of $x^2-3x+3=0$ is:	A. -3 B. 3 C. -2 D. 2
12	Question Image	A. 2 B. 1 C. 0
13	Product of the roots of the equation $3x^2-5x+7=0$:	A. 3⁷ B. 7³
14	The some of cube roots of unity is:	A. Zero B. One C. Two D. Three
15	Question Image	C. 2 D. 1
16	Question Image	
17	The value of ***i*** is equal to:	
18	If $b^2-4ac = 0$, then roots are:	A. Rationaland equal B. Irrationaland equal C. Irrationaland unequal D. Rational and unequal
19	If $b^2-4ac < 0$, then roots are:	A. Unreal B. Imaginary C. Real D. Unequal
20	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