Theory of Quadratic Equations

Sr	Questions	Answers Choice
1	Product of the roots of the equation $3x^2-5x+7=0$:	A. 3⁷ B. 7³
2	The some of cube roots of unity is:	A. Zero B. One C. Two D. Three
3	Question Image	A. 1 D. 0
4	In equation $ax^2+bx+c=0$, a and b are:	A. Constants B. Co-efficients C. Variables D. Factors
5	Sum roots of $4x^2-3x+6=0$:	
6	Question Image	
7	Question Image	A. One variable B. Twovariable C. Threevariable D. Fourvariable
8	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
9	Each of the complex cube root of unity is:	A. The square of the other B. The half of the other C. The cube of the other D. Equal to each other
10	Question Image	A. 2 B. 1 C. 0
11	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
12	The value of ***i*** is equal to:	
13	The Discriminant of $ax^2+bx+c=0$ is:	A. b²-4ac B. b²⁺4ac C. -b²⁺4ac D. -b²-4ac
14	The discriminant of $x^2+8x+16=0$:	A. 4 B. 3 C. 2 D. 0
15	If 1 is the zero of polynomial, then remainder is:	A. 3 B. 2 C. 0 D. 1
16	Question Image	
17	Question Image	
18	Question Image	
19	Question Image	A. 1 B. -1 C. 0 D. 2
20	Product of roots of equation $5x^2+3x-9=0$:	