Theory of Quadratic Equations

Sr	Questions	Answers Choice
1	Question Image	C. 1 D. -1
2	Question Image	A. 2 B. 1 C. 0
3	Roots of the equation $4x^2-4x+1=0$ are:	A. Real, equal B. Real, uneqal C. Imaginary D. Irrational
4	The some of cube roots of unity is:	A. Zero B. One C. Two D. Three
5	Sum roots of $4x^2-3x+6=0$:	
6	Question Image	
7	Roots of following equation are: $9x^2-4x+1=0$:	A. Real, Equal B. Real, Unequal C. Imaginary D. Irrational
8	Product of roots of equation $5x^2+3x-9=0$:	
9	Question Image	
10	Question Image	
11	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
12	Question Image	A. 1 D. 0
13	if a=1, b=-3 and c= 3, then discriminant is:	A. 3 B. -2 C. 2 D. -3
14	Question Image	A. 9 B. 7 C. 5 D. 3
15	Question Image	B. 1
16	Question Image	
17	Question Image	
18	Question Image	A. P(Product of the roots) B. S (Sum of the roots) C. D (Difference of the roots) D. R (Ratio of the roots)
19	The discriminant of $x^2-3x+3=0$ is:	A. -3 B. 3 C. -2 D. 2
20	Question Image	C. 2 D. 1