

Theory of Quadratic Equations

Sr	Questions	Answers Choice
1	The some of cube roots of unity is:	A. Zero B. One C. Two D. Three
2	Question Image	A. 214 B. 256 C. 273 D. 296
3	Question Image	A. 9 B. 7 C. 5 D. 3
4	The discriminant of $2x^2-7x+1=0$ is:	A. 41 B. 45 C. 43 D. 47
5	The discriminant of $x^2+8x+16=0$:	A. 4 B. 3 C. 2 D. 0
6	The expression " b^2-4ac " of a quadratic equation is called:	A. Determinant B. Redicand C. Discriminant D. Index
7	The nature of roots depends on the value of:	A. $-b+4ac$ B. b^2-4ac C. b^2-4ac D. $-b+4ac$
8	Question Image	
9	Question Image	
10	Cube roots of -1 are:	
11	Question Image	A. 2 B. 6 D. 5
12	Question Image	
13	Question Image	B. 1
14	If $a = 7$, $b = 8$ and $c = 1$ then b^2-4ac is equal to:	A. 33 B. 34 C. 35 D. 36
15	Question Image	B. bc
16	The discriminant of $x^2-3x+3=0$ is:	A. -3 B. 3 C. -2 D. 2
17	The product of three cube roots of unity is:	A. Zero B. Four C. Two D. One
18	Roots of following equation are: $9x^2-4x+1=0$:	A. Real, Equal B. Real, Unequal C. Imaginary D. Irrational
19	Question Image	A. 2 B. 1 C. 0

