


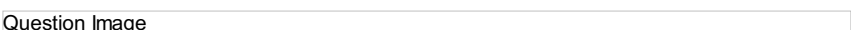



Mathematics 10th Class English Medium Unit 2 Online Test

Sr	Questions	Answers Choice
1		B. 1
2		A. 2 B. 1 C. 0
3		C. 2 D. 1
4	The product of three cube roots of unity is:	A. Zero B. Four C. Two D. One
5		
6	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
7		
8	The value of i is equal to:	
9	If $(x+1)(7x+1) = 0$ then x is equal to:	
10	If $a = 7$, $b = 8$ and $c = 1$ then $b^2 - 4ac$ is equal to:	A. 33 B. 34 C. 35 D. 36
11	Find k , if the roots are equal in $(k+3)x^2 - 2(k+1)x - (k+1) = 0$:	A. 2, -1 B. -2, -1 C. -2, 1 D. 2, 1
12	The discriminant of $7x^2 + 8x + 1 = 0$ is:	A. 32 B. 34 C. 36 D. 38
13	The nature of roots in equation $7x^2 + 8x + 1 = 0$ is:	A. Rational and unequal B. Irrational and unequal C. Rational and equal D. Irrational and equal
14	If $a = -2$, $b = -1$ and $c = -1$, then discriminant is equal to:	A. 17 B. -17 C. -7 D. 7
15	The discriminant of $x^2 + 8x + 16 = 0$:	A. 4 B. 3 C. 2 D. 0