

11th Class ICS Mathematics Test Online

Sr	Questions	Answers Choice
1	Sum of roots of $ax^2 + bx + c = 0$ is equal to product of roots only if:	A. $a+c=0$ B. $b+c=0$ C. $a+b=0$ D. $a+b+c=0$
2	Four fourth roots of 625 are:	A. $\pm 5, \pm 5i$ B. $\pm 5, \pm 25i$ C. $\pm 25, \pm 25i$ D. none of these
3	Question Image	D. none of these
4	Question Image	A. 4 B. 16 C. 8 D. 64
5	Question Image	A. 1 B. 0 C. 2 D. 3
6	Question Image	D. i
7	If one root of $2x^2 + ax + 6 = 0$ is 2 then the value of a is:	A. 7 B. -7
8	Question Image	A. 25 B. 20 C. 40 D. $2a + 2b + 2c$
9	If A is a square matrix order 3×3 the $ kA $ equals:	A. $k A $ B. $k^{\sup 2} A $ C. $k^{\sup 3} A $ D. $k^{\sup 4} A $
10	If each element of a 3×3 matrix A is multiplied by 3, then the determinant of the resulting matrix is:	A. $ A ^{\sup 3}$ B. $27 A $ C. $3 A $ D. $9 A $