

ECAT Mathematics MCQ's Test For Full Book

Sr	Questions	Answers Choice
1	u,v,w and u x (v.w) are	A. Equal B. Parallel C. Additive immense of each other D. Meaningless
2	If a,βare the roots of the equation $x^2 - 8x + p = 0$ and $a^2 + \beta^2 = 40$, then value of p is	A. 8 B. 12 C. 10 D. 14
3	Question Image	
4	If $x^4 - 10x^2 - 2x + 4$ is divided by $x + 3$, then the remainder is	A. 1 B. 0 C. 4 D. None of these
5	Question Image	A. Commutative property of addition B. Closure property of addition C. Additive inverse D. Associative property w.r.t. to addition
6	The value of x, and y, when $(x + iy)^2 = 5 + 4i$	A. X = 2, y = 1 B. X = -2, y = 1 C. X = 2, y = -1 D. X = 2, y = 2
7	Question Image	
8	Question Image	
9	The middle term of the expansion $(1 + 2x)^6$ is _____	A. 1st term B. 4th term C. 2nd term D. 5th term
10	Question Image	
11	Question Image	A. direction ratios B. direction cosines C. direction angles D. none of these
12	Question Image	D. all
13	$\sqrt{11}$ is	A. an irrational number B. Rational number C. odd number D. Negative number
		A. I and I B. I and I C. I and I D. I and I

