

Mathematics FA Part 1 Online Test

Sr	Questions	Answers Choice
1		A. 40 B. -40 C. 26 D. -26
2		A. 1 B. -5 C. -1 D. none
3	Minors and co-factors of the elements in a determinant are equal in magnitude but they may differ in:	A. order B. position C. sign D. symmetry
4	If $AB = BA = I$, then A and B are:	A. equal to each other B. multiplicative inverse of each other C. additive inverse of each other D. both singular
5	A^{-1} exists if A is:	A. singular B. nonsingular C. symmetric D. none
6		A. zero B. non-singular C. singular D. none of these
7	If A is non singular matrix then A^t is:	A. singular B. nonsingular C. symmetric D. none
8		A. $ab - cd = 0$ B. $ac - bd = 0$ C. $ad - bc = 1$ D. $ad - bc = 0$
9		D. diagonal matrix
10	If A and B are two matrices, then:	A. $AB = O$ B. $AB = BA$ C. $AB = I$ D. AB may not be defined
11	If A is a square matrix, then $A - A^t$ is:	
12	If A is a square matrix, then $A + A^t$ is:	
13		A. 3×2 B. 2×3 C. 2×2 D. 3×3
14		A. 3×1

