ECAT Mathematics Chapter 5 Matrices and Detarminants Online Test

Sr	Questions	Answers Choice
1	A matrix with a single column is called	A. Column matrix B. Row matrix C. Identity matrix D. Null matrix
2	If A = [aij]mxpand B =[aij]pxnthen order of BA is	A. m x n B. p x n C. n x m D. None of these
3	Question Image	
4	Every identity matrix is	A. Row-vector B. Scalar C. Column-vector D. All
5	Question Image	A. 9/4 B. 4/9 C. 1 D. None of these
6	Question Image	
7	Question Image	A. 3 x 2 B. 2 x 3 C. 3 x 3 D. 2 x 2
8	Question Image	A. I B. $|A|$ C. $|A|$ I D. None of these
9	Question Image	A. 1 B. -1 C. 0 D. I
10	Question Image	A. 2 x 2 B. 2 x 3 C. 3 x 2 D. 3 x 3
11	Question Image	A. 1 B. 0 C. -1 D. 2
12	Question Image	A. Null matrix B. Triangular matrix C. Unit matrix D. Rectangular matrix
13	Question Image	A. 1 B. 0 C. 3 D. -1
14	If A is a non singular matrix then A^{-1}= _____	
15	Question Image	
16	Question Image	
17	If there are m rows and n columns in a matrix then its order is	A. m x n B. m x m C. n x n D. n x m
18	Question Image	A. Diagonal matrix B. Scalar matrix C. Triangular matrix D. Identity matrix

19	Question Image	A. -3
		B. -7
		C. 1
		D. 0

| 20 | Which of the following is an identity matrix? | D. none of these |