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Sr. No.	QUESTION
1	Determinant of A denoted by _____.
2	Determinant does not change if we interchange columns with _____.
3	If interchange any row/columns, then determinant A will be _____.
4	If two columns or rows are same, then determinant will be _____.
5	Determinant is only possible for ____ matrix.
6	The order of 2x3 determinant represents ____ rows and ___ columns.
7	If any scalar value multiplied with determinant, it is multiplied to either any _____ row/column.
8	If any scalar value multiplied with _____, it is multiplied to each elements of it.
9	_____ is useful to find out the value of unknown variables.
10	A matrix which has only one row is called _____.
11	A matrix whose elements are zero is called _____.

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12	Null Matrix is denoted by____
13	All the elements except those on its principal diagonal are zero, is called _____.
14	_____ Matrix is must be diagonal matrix.
15	Capital Letter "I" usually used for _____ matrix.
16	A Matrix is said to be Symmetric Matrix if A' = ____.
17	A Matrix is said to be Skew Symmetric Matrix if A' = ____.
18	Skew Symmetric Matrix is also called _____.
19	A Matrix is said to be Orthogonal Matrix if AA' = ____.
20	If |A|=0, then A is said to be _____.
21	Find the value of x for which the matrix $A = \begin{bmatrix} 3-x & 2 & 2 \\ 2 & 4-x & 1 \\ -2 & -4 & -1-x \end{bmatrix}$ is singular.
22	**If** $\begin{bmatrix} 2+x & 3 & 4 \\ 1 & -1 & 2 \\ x & 1 & -5 \end{bmatrix}$ **is a singular matrix, then x is**

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23	If $\Delta = \begin{vmatrix} 5 & 3 & 8 \\ 2 & 0 & 1 \\ 1 & 2 & 3 \end{vmatrix}$, then write the minor of the element a_{23}.
24	The area of a triangle with vertices (-3, 0), (3, 0) and (0, k) is 9sq.mt, ten value of k = _____.
25	Find the minor of third column $\begin{bmatrix} 2 & -3 & 5 \\ 6 & 0 & 4 \\ 1 & 5 & -7 \end{bmatrix}$ second row
26	If the point (3,-2), (x, 2), (8,8) are collinear, then find the value of x.
27	Find the minor of 6 of 4 respectively in $\Delta = \begin{vmatrix} 1 & 2 & 3 \\ 4 & 5 & 6 \\ 7 & 8 & 9 \end{vmatrix}$ and cofactor given
28	Using properties of determinants, $\begin{vmatrix} 1 & a & a^2 - bc \\ 1 & b & b^2 - ca \\ 1 & c & c^2 - ab \end{vmatrix} =$
29	9. If A = $\begin{bmatrix} 1 & 0 & 1 \\ 0 & 1 & 2 \\ 0 & 0 & 4 \end{bmatrix}$, and |3A| = k|A|, then the value of k is
30	If the value of $\begin{vmatrix} 3 & 4 & -1 \\ 2 & -3 & 2 \\ 6 & -6 & 5 \end{vmatrix} = -7$, then the value of $\begin{vmatrix} 3 & -1 & 4 \\ 2 & 2 & -3 \\ 6 & 5 & -6 \end{vmatrix} = ?$
31	If A is a square matrix of order 3 and |A| = 7 then transpose of |A| = ____.
32	The value of the determinant $\begin{vmatrix} 3 & 2 & -1 \\ -4 & -4 & 2 \\ 1 & 2 & -1 \end{vmatrix}$ is

BCA SEM - II : MATHS : MCQ : Databank

33	Adjoint of matrix is equals to _____ of cofactor matrix.
34	Inverse of Matrix can be represented by
35	To find the inverse of matrix A, then |A| must be _____.
36	_____ is the branch of mathematics which explains the problem of geometry with the help of algebra.
37	Horizontal distance from y-axis to the point is known as _____
38	Vertical distance from x-axis to the point is known as _____
39	X'OY is called _____ Quadrant
40	Distance formula from the origin is: