Answers

Expansion of determinants, Solution of equation in the form of determinants and properties of determinants

1	b	2	a	3	d	4	c	5	b
6	d	7	a	8	a	9	b	10	c
11	b	12	d	13	b	14	d	15	d
16	b	17	d	18	b	19	a	20	c
21	c	22	b	23	c	24	d	25	c
26	a	27	d	28	b	29	a	30	d
31	b	32	a	33	a	34	a	35	a
36	a	37	b	38	d	39	c	40	d
41	b	42	b	43	c	44	d	45	d
46	d	47	d	48	a	49	a	50	b
51	a	52	b	53	b	54	b	55	a
56	d	57	b	58	c	59	b	60	a
61	a	62	b	63	d	64	d	65	c
66	a	67	b	68	c	69	a	70	a
71	d	72	b	73	b	74	c	75	b
76	d	77	a	78	b	79	c	80	b
81	d	82	b	83	c	84	b	85	d
86	b	87	c	88	c	89	b	90	a
91	d	92	b	93	b	94	b	95	b
96	a	97	b	98	c	99	c	100	b
101	a	102	a	103	a	104	a	105	a
106	a	107	d	108	b	109	d	110	d
111	a	112	b	113	d	114	c	115	c
116	b	117	a	118	b	119	d	120	c
121	a	122	c	123	b	124	d		

21	b	22	c	23	c	24	b	25	b
26	c	27	d	28	b	29	c	30	b
31	d	32	b	33	c	34	b	35	d
36	c	37	c	38	d	39	a	40	a
41	b	42	b	43	c	44	a	45	b
46	d	47	b	48	a	49	a	50	d
51	b	52	b	53	b	54	a	55	b
56	b	57	d	58	a	59	b	60	b
61	c	62	c	63	d	64	d	65	b
66	b	67	b	68	d	69	d	70	a
71	b	72	c	73	a	74	c	75	c
76	b	77	c	78	b	79	c	80	a
81	c	82	b	83	b	84	a	85	b
86	a	87	b	88	d	89	b	90	b
91	d	92	a	93	b	94	a	95	b
96	b	97	c	98	a	99	c	100	d
101	a	102	a	103	d	104	a	105	c
106	b	107	c						

Minors and Co-factors, Product of determinants

1	b	2	b	3	d	4	b	5	b
6	a	7	b	8	b	9	c	10	b

System of linear equations, Some special determinants, differentiation and integration of determinants

1	d	2	c	3	c	4	d	5	d
6	b	7	b	8	a	9	d	10	d
11	a	12	d	13	b	14	c	15	a
16	a	17	c	18	c	19	c	20	d
21	a	22	c	23	b	24	b	25	a
26	a	27	c	28	d	29	b	30	a
31	d	32	d	33	a	34	b	35	c
36	c	37	c	38	d					

Types of matrices, Algebra of matrices

1	b	2	d	3	c	4	c	5	a
6	a	7	d	8	a	9	b	10	a
11	b	12	b	13	a	14	b	15	d
16	b	17	b	18	c	19	c	20	c

Special types of matrices, Transpose, Adjoint and inverse of matrices

1	c	2	d	3	a	4	b	5	a
6	b	7	b	8	b	9	c	10	b
11	c	12	b	13	a	14	b	15	a
16	b	17	a	18	d	19	a	20	d
21	b	22	a	23	b	24	d	25	b
26	a	27	a	28	d	29	a	30	b
31	b	32	b	33	a	34	c	35	a
36	a	37	a	38	b	39	c	40	c
41	a	42	b	43	b	44	c	45	a
46	b	47	b	48	d	49	a	50	c
51	b	52	b	53	d	54	b	55	b
56	a	57	c	58	b	59	b	60	b
61	b	62	b	63	b	64	c	65	a
66	b	67	b	68	b	69	b	70	d
71	b	72	a	73	d	74	b	75	a
76	b	77	a	78	a	79	d	80	a
81	d	82	c	83	a	84	d	85	a
86	d	87	a	88	b	89	b	90	c
91	c	92	a	93	c	94	a	95	d
96	a	97	c						

Relation between determinants and matrices, Rank of matrices and Solution of the equations

1	a	2	a	3	a	4	d	5	a
6	a	7	c	8	b	9	c	10	c
11	c	12	a	13	a	14	a	15	d
16	b	17	a	18	d	19	a	20	b
21	b	22	a	23	b	24	c	25	c

Critical Thinking Questions

1	b	2	d	3	c	4	b	5	b
6	a	7	d	8	b	9	a	10	d
11	a	12	a	13	d	14	d	15	a
16	c	17	a	18	c	19	d	20	b, d
21	c	22	d	23	b	24	b	25	d
26	c	27	c	28	a	29	c	30	b

31	c	32	d	33	c	34	c	35	a
36	b	37	d	38	b	39	a	40	c
41	c	42	a	43	a	44	c	45	d