

Revised Answer Key for 3 DE(LE) (A)

Question No.	Answer Key	Question No.	Answer Key
1	A	51	C
2	B	52	B
3	C	53	B
4	A	54	A
5	B	55	A
6	A	56	A
7	D	57	B
8	D	58	A
9	B	59	B
10	A	60	A
11	B	61	A
12	A	62	B
13	D	63	A
14	B	64	C
15	B	65	D
16	C	66	A
17	A	67	D
18	C	68	A
19	C	69	C
20	A	70	B
21	C	71	D
22	A	72	C
23	A	73	A
24	D	74	C
25	B	75	D
26	C	76	C
27	C	77	C
28	C	78	A
29	B	79	A
30	A	80	B
31	A	81	C
32	D	82	B
33	B	83	C
34	C	84	A
35	B	85	B
36	A	86	D
37	A	87	C
38	C	88	B
39	B	89	A
40	D	90	C
41	B	91	A
42	C	92	A
43	B	93	B
44	C	94	C
45	B	95	D
46	D	96	C
47	B	97	A
48	A	98	C
49	C	99	D
50	B	100	B

Revised Answer Key for 3 DE(LE) (B)

Question No.	Answer Key
1	C
2	A
3	A
4	D
5	B
6	D
7	B
8	A
9	C
10	B
11	A
12	B
13	C
14	A
15	B
16	A
17	A
18	C
19	B
20	D
21	C
22	C
23	C
24	B
25	A
26	A
27	D
28	D
29	B
30	A
31	B
32	C
33	B
34	C
35	B
36	B
37	A
38	D
39	B
40	B
41	A
42	D
43	B
44	C
45	B
46	C
47	A
48	C
49	C
50	A

Question No.	Answer Key
51	A
52	A
53	B
54	A
55	A
56	C
57	D
58	A
59	C
60	B
61	B
62	A
63	B
64	A
65	A
66	B
67	D
68	C
69	A
70	C
71	A
72	B
73	C
74	B
75	C
76	D
77	A
78	C
79	B
80	D
81	C
82	C
83	A
84	B
85	A
86	C
87	A
88	C
89	A
90	C
91	D
92	B
93	A
94	B
95	D
96	C
97	A
98	B
99	C
100	D

Revised Answer Key for 3 DE(LE) (C)

Question No.	Answer Key
1	A
2	A
3	C
4	B
5	D
6	A
7	D
8	B
9	C
10	B
11	C
12	A
13	C
14	C
15	A
16	B
17	C
18	B
19	C
20	B
21	B
22	A
23	D
24	B
25	B
26	C
27	A
28	A
29	D
30	B
31	A
32	D
33	D
34	B
35	A
36	D
37	B
38	A
39	C
40	B
41	C
42	C
43	C
44	B
45	A
46	A
47	B
48	C
49	A
50	B

Question No.	Answer Key
51	A
52	C
53	D
54	A
55	B
56	A
57	A
58	B
59	A
60	A
61	B
62	A
63	C
64	B
65	B
66	A
67	A
68	B
69	C
70	B
71	C
72	D
73	C
74	C
75	A
76	D
77	C
78	A
79	C
80	D
81	A
82	C
83	B
84	C
85	A
86	C
87	D
88	B
89	A
90	B
91	C
92	D
93	B
94	A
95	C
96	A
97	A
98	B
99	D
100	C

Revised Answer Key for 3 DE(LE) (D)

Question No.	Answer Key
1	C
2	C
3	C
4	B
5	A
6	B
7	C
8	B
9	C
10	B
11	A
12	D
13	D
14	B
15	A
16	C
17	A
18	A
19	D
20	B
21	A
22	B
23	C
24	A
25	B
26	D
27	B
28	A
29	C
30	B
31	A
32	A
33	C
34	B
35	D
36	C
37	A
38	C
39	C
40	A
41	B
42	A
43	D
44	B
45	B
46	A
47	D
48	B
49	C
50	B

Question No.	Answer Key
51	B
52	A
53	A
54	B
55	C
56	B
57	B
58	A
59	A
60	C
61	D
62	A
63	A
64	A
65	B
66	A
67	D
68	C
69	C
70	A
71	D
72	A
73	C
74	B
75	A
76	B
77	C
78	B
79	C
80	D
81	C
82	A
83	C
84	A
85	B
86	C
87	D
88	A
89	B
90	D
91	C
92	C
93	A
94	C
95	D
96	B
97	B
98	A
99	C
100	A

### 3 DE(LE)

Q.NO. 12 In A version is Q.No. 42 in D version.

12. In a  $\triangle ABC$ ,  $|C| = 3$ ,  $|B| = 2(|A| + |B|)$  then angle A =

- A)  $20^\circ$                       B)  $60^\circ$   
C)  $80^\circ$                       D)  $100^\circ$

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Solution:  $A + B + C = 180^\circ$

$2(A + B + C) = 360^\circ$

$\therefore 2(A + B) + 2C = 360^\circ$ ,  $A + B = \frac{C}{2}$

$\therefore 3C = 360^\circ \therefore C = 120^\circ$

$\therefore B = \frac{C}{3} = 40^\circ$

now  $A = 180^\circ - (B + C) = 20^\circ$

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