

JET DU 2011 Answer Key							
Q. No.	SET-(11)	Q. No.	SET-(21)	Q. No.	SET-(31)	Q. No.	SET-(41)
1	A	1	D	1	B	1	B
2	C	2	C	2	B	2	A
3	C	3	B	3	C	3	A
4	D	4	A	4	D	4	A
5	D	5	B	5	A	5	C
6	D	6	C	6	C	6	D
7	D	7	A	7	C	7	B
8	*	8	C	8	A	8	B
9	C	9	C	9	D	9	C
10	A	10	A	10	A	10	C
11	A	11	B	11	C	11	B
12	B	12	A	12	B	12	A
13	D	13	C	13	C	13	D
14	A	14	B	14	D	14	D
15	B	15	A	15	A	15	C
16	C	16	C	16	C	16	B
17	A	17	C	17	C	17	A
18	D	18	B	18	B	18	C
19	A	19	B	19	D	19	D
20	A	20	C	20	B	20	B
21	B	21	A	21	C	21	A
22	B	22	B	22	D	22	C
23	A *	23	A *	23	C	23	C
24	D	24	B	24	A	24	D
25	A	25	A	25	D	25	D
26	D	26	D	26	D	26	D
27	B	27	B	27	D	27	D
28	B	28	B	28	A	28	*
29	D	29	B	29	D	29	C
30	C	30	B	30	A	30	A
31	A	31	A	31	B	31	A
32	D	32	D	32	A	32	B
33	A	33	D	33	A	33	D
34	D	34	C	34	A	34	A
35	D	35	B	35	C	35	B
36	D	36	B	36	D	36	C
37	C	37	B	37	B	37	A
38	B	38	C	38	B	38	D
39	A	39	D	39	C	39	A
40	B	40	A	40	C	40	A
41	C	41	C	41	B	41	B
42	A	42	C	42	A	42	B
43	C	43	A	43	D	43	A *

Q. No.	SET-(11)	Q. No.	SET-(21)	Q. No.	SET-(31)	Q. No.	SET-(41)
44	C	44	D	44	D	44	D
45	A	45	A	45	C	45	A
46	B	46	C	46	B	46	D
47	A	47	B	47	A	47	B
48	C	48	C	48	C	48	B
49	B	49	D	49	D	49	D
50	A	50	A	50	B	50	C
51	C	51	C	51	A	51	A
52	C	52	C	52	C	52	D
53	B	53	B	53	C	53	A
54	B	54	D	54	D	54	D
55	C	55	B	55	D	55	D
56	A	56	C	56	D	56	D
57	B	57	D	57	D	57	C
58	A *	58	C	58	*	58	B
59	B	59	A	59	C	59	A
60	A	60	D	60	A	60	B
61	D	61	D	61	A	61	C
62	B	62	D	62	B	62	A
63	B	63	A	63	D	63	C
64	B	64	D	64	A	64	C
65	B	65	A	65	B	65	A
66	A	66	B	66	C	66	B
67	D	67	A	67	A	67	A
68	D	68	A	68	D	68	C
69	C	69	A	69	A	69	B
70	B	70	C	70	A	70	A
71	B	71	D	71	B	71	C
72	B	72	B	72	B	72	C
73	C	73	B	73	A *	73	B
74	D	74	C	74	D	74	B
75	A	75	C	75	A	75	C
76	C	76	B	76	D	76	A
77	C	77	A	77	B	77	B
78	A	78	D	78	B	78	A *
79	D	79	D	79	D	79	B
80	A	80	C	80	C	80	A
81	C	81	B	81	A	81	D
82	B	82	A	82	D	82	B
83	C	83	C	83	A	83	B
84	D	84	D	84	D	84	B
85	A	85	B	85	D	85	B
86	C	86	A	86	D	86	A
87	C	87	C	87	C	87	D
88	B	88	C	88	B	88	D
89	D	89	D	89	A	89	C
90	B	90	D	90	B	90	B
91	C	91	D	91	C	91	B
92	D	92	D	92	A	92	B
93	C	93	*	93	C	93	C

Q. No.	SET-(11)	Q. No.	SET-(21)	Q. No.	SET-(31)	Q. No.	SET-(41)
94	A	94	C	94	C	94	D
95	D	95	A	95	A	95	A
96	D	96	A	96	B	96	C
97	D	97	B	97	A	97	C
98	A	98	D	98	C	98	A
99	D	99	A	99	B	99	D
100	A	100	B	100	A	100	A
101	B	101	C	101	C	101	C
102	A	102	A	102	C	102	B
103	A	103	D	103	B	103	C
104	A	104	A	104	B	104	D
105	C	105	A	105	C	105	A
106	D	106	B	106	A	106	C
107	B	107	B	107	B	107	C
108	B	108	A *	108	A *	108	B
109	C	109	D	109	B	109	D
110	C	110	A	110	A	110	B
111	B	111	D	111	D	111	C
112	A	112	B	112	B	112	D
113	D	113	B	113	B	113	C
114	D	114	D	114	B	114	A
115	C	115	C	115	B	115	D
116	B	116	A	116	A	116	D
117	A	117	D	117	D	117	D
118	C	118	A	118	D	118	A
119	D	119	D	119	C	119	D
120	B	120	D	120	B	120	A

**Note:**

**SET-(11) Q. 58, SET-(21) Q. 23, SET-(31) Q. 108, SET-(41) Q. 78** –The function is not defined at  $x$  equals to zero and hence is not integrable.

**SET-(11) Q. 8, SET-(21) Q. 93, SET-(31) 58, Q. SET-(41) Q.28** – All the four options given are wrong and the answer should be 10.

**SET-(11) Q. 23, SET-(21) Q. 108, SET-(31) Q. 73, SET-(41) Q 43** – By combining the two statements P and Q, we can infer that no such triangle PQR is possible, even though the mathematical value of the sum of PR and RQ can be determined.