

ANSWER KEYS OF JOINT CSIR-UGC TEST FOR JUNIOR RESEARCH  
FELLOWSHIP (JRF) AND ELIGIBILITY FOR LECTURESHIP (NET) HELD ON  
16-06-2019.

**SUBJECT: MATHEMATICAL SCIENCES – SET-A (BILINGUAL & ENGLISH)**

Question No.	Key	Question No.	Key	Question No.	Key
1	3	41	4	81	2, 4
2	3	42	2	82	1, 3
3	2	43	2	83	2, 3, 4
4	1	44	3	84	1, 4
5	4	45	4	85	1, 3
6	4	46	1	86	1, 2
7	3	47	4	87	2, 3
8	1	48	2	88	1, 2, 4
9	4	49	4	89	1, 3
10	1	50	3	90	2, 4
11	3	51	3	91	1, 4
12	2	52	1	92	1, 3
13	2	53	4	93	1, 2, 4
14	1	54	4	94	2
15	3	55	3	95	1, 3
16	1	56	4	96	1
17	3	57	3	97	1, 3, 4
18	4	58	3	98	2, 3
19	3	59	1	99	1
20	2	60	2	100	3, 4
21	2	61	2, 3	101	3, 4
22	2	62	2, 4	102	4
23	4	63	1, 2, 3, 4	103	2, 4
24	2	64	1, 2	104	3
25	2	65	2, 3	105	2, 3
26	1	66	2, 3	106	2, 4
27	2	67	1, 3	107	1, 3, 4
28	3	68	1, 2, 3	108	1, 2, 3, 4
29	1	69	3, 4	109	2, 3
30	4	70	1, 2, 3, 4	110	1, 3, 4
31	3	71	2, 3	111	2, 3, 4
32	3	72	3, 4	112	1, 2, 3, 4
33	1	73	1, 3	113	1, 4
34	1	74	1	114	3, 4
35	2	75	4	115	1, 2, 3, 4
36	3	76	1, 2, 4	116	2, 4
37	3	77	2, 3	117	1, 3
38	4	78	1, 3, 4	118	1, 2, 4
39	4	79	1, 4	119	1
40	3	80	1, 2, 3, 4	120	3, 4

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**SUBJECT: MATHEMATICAL SCIENCES – SET-B (BILINGUAL & ENGLISH)**

Question No.	Key	Question No.	Key	Question No.	Key
1	1	41	4	81	1, 2
2	3	42	1	82	2, 3
3	2	43	4	83	1, 2, 4
4	2	44	2	84	1, 3
5	1	45	4	85	2, 4
6	3	46	2	86	1, 4
7	3	47	2	87	1, 2, 3, 4
8	3	48	3	88	2, 4
9	2	49	3	89	1, 3
10	1	50	4	90	2, 3, 4
11	4	51	3	91	1
12	4	52	3	92	3, 4
13	3	53	1	93	3, 4
14	1	54	2	94	4
15	4	55	4	95	1, 4
16	3	56	3	96	1, 3
17	2	57	3	97	1, 2, 4
18	1	58	1	98	2
19	3	59	4	99	1, 3
20	4	60	4	100	1
21	3	61	1, 2, 3, 4	101	1, 3, 4
22	1	62	2, 3	102	2, 3
23	4	63	3, 4	103	1, 2, 3, 4
24	3	64	1, 3	104	2, 4
25	3	65	1	105	1, 3
26	2	66	4	106	1, 2, 4
27	2	67	1, 2, 4	107	1
28	4	68	2, 3	108	3, 4
29	2	69	1, 3, 4	109	2, 4
30	2	70	2, 3	110	3
31	1	71	2, 4	111	2, 3
32	2	72	1, 2, 3, 4	112	2, 4
33	3	73	1, 2	113	1, 3, 4
34	4	74	2, 3	114	1, 2, 3, 4
35	4	75	2, 3	115	2, 3
36	3	76	1, 3	116	1, 3, 4
37	1	77	1, 2, 3	117	2, 3, 4
38	1	78	3, 4	118	1, 2, 3, 4
39	2	79	1, 4	119	1, 4
40	3	80	1, 3	120	3, 4

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**SUBJECT: MATHEMATICAL SCIENCES – SET-C (BILINGUAL & ENGLISH)**

Question No.	Key	Question No.	Key	Question No.	Key
1	2	41	2	81	2, 3, 4
2	2	42	3	82	1, 4
3	1	43	4	83	1, 3
4	3	44	1	84	1, 2
5	3	45	4	85	2, 3
6	3	46	2	86	1, 2, 4
7	2	47	4	87	1, 3
8	1	48	2	88	2, 4
9	4	49	3	89	1, 4
10	4	50	3	90	1, 2, 3, 4
11	3	51	1	91	2
12	1	52	4	92	1, 3
13	4	53	4	93	1
14	3	54	3	94	1, 3, 4
15	2	55	4	95	2, 3
16	1	56	3	96	1
17	3	57	3	97	3, 4
18	1	58	1	98	3, 4
19	4	59	2	99	4
20	3	60	4	100	1, 4
21	2	61	1, 2	101	1, 3
22	1	62	2, 3	102	1, 2, 4
23	2	63	2, 3	103	1, 3, 4
24	3	64	1, 3	104	2, 3, 4
25	1	65	1, 2, 3	105	1, 2, 3, 4
26	4	66	3, 4	106	1, 4
27	3	67	1, 2, 3, 4	107	3, 4
28	3	68	2, 3	108	1, 2, 3, 4
29	2	69	3, 4	109	2, 4
30	2	70	1, 3	110	1, 3
31	4	71	1	111	1, 2, 4
32	2	72	4	112	1
33	2	73	1, 2, 4	113	3, 4
34	3	74	2, 3	114	2, 4
35	3	75	1, 3, 4	115	3
36	4	76	2, 3	116	2, 3
37	4	77	2, 4	117	2, 4
38	3	78	1, 2, 3, 4	118	1, 3, 4
39	1	79	2, 4	119	1, 2, 3, 4
40	1	80	1, 3	120	2, 3