

## Graduate Aptitude Test in Engineering (GATE 2021)

## Paper / Section : Engineering Sciences (XE) / Engineering Mathematics (XE-A)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
1	6	MCQ	GA	A	1	1/3
2	6	MCQ	GA	B	1	1/3
3	6	MCQ	GA	B	1	1/3
4	6	MCQ	GA	B	1	1/3
5	6	MCQ	GA	C	1	1/3
6	6	MCQ	GA	C	2	2/3
7	6	MCQ	GA	A	2	2/3
8	6	MCQ	GA	C	2	2/3
9	6	MCQ	GA	A	2	2/3
10	6	MCQ	GA	C	2	2/3
1	6	MCQ	XE-A	D	1	1/3
2	6	MCQ	XE-A	C	1	1/3
3	6	MCQ	XE-A	B	1	1/3
4	6	NAT	XE-A	0.5 to 0.5	1	0
5	6	NAT	XE-A	0.5 to 0.5	1	0
6	6	NAT	XE-A	0.665 to 0.668	1	0
7	6	NAT	XE-A	0.375 to 0.375	1	0
8	6	MCQ	XE-A	D	2	2/3
9	6	MCQ	XE-A	A	2	2/3
10	6	NAT	XE-A	4 to 4	2	0
11	6	NAT	XE-A	0.32 to 0.32	2	0

## Graduate Aptitude Test in Engineering (GATE 2021)

## Paper / Section : Engineering Sciences (XE) / Fluid Mechanics (XE-B)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
1	6	MCQ	XE-B	C	1	1/3
2	6	MCQ	XE-B	D	1	1/3
3	6	MCQ	XE-B	C	1	1/3
4	6	MCQ	XE-B	B	1	1/3
5	6	MCQ	XE-B	D	1	1/3
6	6	MCQ	XE-B	B	1	1/3
7	6	MCQ	XE-B	B	1	1/3
8	6	MCQ	XE-B	A	1	1/3
9	6	NAT	XE-B	2.9 to 3.1	1	0
10	6	MCQ	XE-B	A	2	2/3
11	6	MCQ	XE-B	D	2	2/3
12	6	MCQ	XE-B	B	2	2/3
13	6	NAT	XE-B	6.0 to 6.5	2	0
14	6	NAT	XE-B	0.9 to 1.1	2	0
15	6	NAT	XE-B	1.7 to 1.9	2	0
16	6	NAT	XE-B	12.9 to 13.1	2	0
17	6	NAT	XE-B	3.9 to 4.1	2	0
18	6	NAT	XE-B	10.5 to 12.0	2	0
19	6	NAT	XE-B	48.0 to 52.0	2	0
20	6	NAT	XE-B	17.5 to 19.5	2	0
21	6	NAT	XE-B	182.0 to 192.0	2	0
22	6	NAT	XE-B	18.5 to 20.0	2	0

## Graduate Aptitude Test in Engineering (GATE 2021)

Paper / Section : Engineering Sciences (XE) / Materials Science (XE-C)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
1	6	MCQ	XE-C	<b>C</b>	1	1/3
2	6	MCQ	XE-C	<b>C</b>	1	1/3
3	6	MCQ	XE-C	<b>D</b>	1	1/3
4	6	MCQ	XE-C	<b>C</b>	1	1/3
5	6	MCQ	XE-C	<b>C</b>	1	1/3
6	6	MCQ	XE-C	<b>B</b>	1	1/3
7	6	MCQ	XE-C	<b>B</b>	1	1/3
8	6	MSQ	XE-C	<b>B; D</b>	1	0
9	6	NAT	XE-C	<b>0.058 to 0.063</b>	1	0
10	6	MCQ	XE-C	<b>B</b>	2	2/3
11	6	MCQ	XE-C	<b>C</b>	2	2/3
12	6	MCQ	XE-C	<b>C</b>	2	2/3
13	6	MSQ	XE-C	<b>A; B</b>	2	0
14	6	NAT	XE-C	<b>5.85 to 6.00</b>	2	0
15	6	NAT	XE-C	<b>9600 to 9800</b>	2	0
16	6	NAT	XE-C	<b>38 to 42</b>	2	0
17	6	NAT	XE-C	<b>3.4 to 4.8</b>	2	0
18	6	NAT	XE-C	<b>71 to 77</b>	2	0
19	6	NAT	XE-C	<b>210 to 220</b>	2	0
20	6	NAT	XE-C	<b>0.60 to 0.62</b>	2	0

GATE 2021 Answer Key for Engineering Sciences (XE)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
21	6	NAT	XE-C	2.10 to 2.14	2	0
22	6	NAT	XE-C	0.1 to 0.1	2	0



## Graduate Aptitude Test in Engineering (GATE 2021)

## Paper / Section : Engineering Sciences (XE) / Solid Mechanics (XE-D)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
1	6	MCQ	XE-D	<b>D</b>	1	1/3
2	6	MCQ	XE-D	<b>B</b>	1	1/3
3	6	MCQ	XE-D	<b>A</b>	1	1/3
4	6	MCQ	XE-D	<b>B</b>	1	1/3
5	6	MCQ	XE-D	<b>B</b>	1	1/3
6	6	MCQ	XE-D	<b>A</b>	1	1/3
7	6	MCQ	XE-D	<b>C</b>	1	1/3
8	6	MCQ	XE-D	<b>A</b>	1	1/3
9	6	NAT	XE-D	<b>14.30 to 14.35</b>	1	0
10	6	MCQ	XE-D	<b>C</b>	2	2/3
11	6	MCQ	XE-D	<b>A</b>	2	2/3
12	6	MCQ	XE-D	<b>B</b>	2	2/3
13	6	MCQ	XE-D	<b>A</b>	2	2/3
14	6	MCQ	XE-D	<b>A</b>	2	2/3
15	6	MCQ	XE-D	<b>A</b>	2	2/3
16	6	NAT	XE-D	<b>30 to 30</b>	2	0
17	6	NAT	XE-D	<b>9 to 9</b>	2	0
18	6	NAT	XE-D	<b>56.50 to 56.60</b>	2	0
19	6	NAT	XE-D	<b>90.60 to 90.65</b>	2	0
20	6	NAT	XE-D	<b>4.17 to 4.21</b>	2	0
21	6	NAT	XE-D	<b>0.80 to 0.90</b>	2	0
22	6	NAT	XE-D	<b>0.00 to 0.01</b>	2	0

## Graduate Aptitude Test in Engineering (GATE 2021)

## Paper / Section : Engineering Sciences (XE) / Thermodynamics (XE-E)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
1	6	MCQ	XE-E	<b>C</b>	1	1/3
2	6	MCQ	XE-E	<b>B</b>	1	1/3
3	6	MCQ	XE-E	<b>C</b>	1	1/3
4	6	MCQ	XE-E	<b>D</b>	1	1/3
5	6	MCQ	XE-E	<b>B</b>	1	1/3
6	6	MCQ	XE-E	<b>C</b>	1	1/3
7	6	MCQ	XE-E	<b>C</b>	1	1/3
8	6	MSQ	XE-E	<b>B; C</b>	1	0
9	6	NAT	XE-E	<b>159.00 to 162.00</b>	1	0
10	6	MCQ	XE-E	<b>B</b>	2	2/3
11	6	MCQ	XE-E	<b>A</b>	2	2/3
12	6	MCQ	XE-E	<b>C</b>	2	2/3
13	6	MCQ	XE-E	<b>A</b>	2	2/3
14	6	NAT	XE-E	<b>100.79 to 111.39</b>	2	0
15	6	NAT	XE-E	<b>0.300 to 0.330</b>	2	0
16	6	NAT	XE-E	<b>12.1 to 13.0</b>	2	0
17	6	NAT	XE-E	<b>418.0 to 422.0</b>	2	0
18	6	NAT	XE-E	<b>320.0 to 323.0</b>	2	0
19	6	NAT	XE-E	<b>56.80 to 62.78</b>	2	0
20	6	NAT	XE-E	<b>86.66 to 95.78</b>	2	0
21	6	NAT	XE-E	<b>773.0 to 775.0</b>	2	0
22	6	NAT	XE-E	<b>59.0 to 61.0</b>	2	0

## Graduate Aptitude Test in Engineering (GATE 2021)

## Paper / Section : Engineering Sciences (XE) / Polymer Science and Engineering (XE-F)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
1	6	MCQ	XE-F	C	1	1/3
2	6	MCQ	XE-F	D	1	1/3
3	6	MCQ	XE-F	C	1	1/3
4	6	MCQ	XE-F	B	1	1/3
5	6	MCQ	XE-F	D	1	1/3
6	6	MCQ	XE-F	C	1	1/3
7	6	MCQ	XE-F	B	1	1/3
8	6	MCQ	XE-F	B	1	1/3
9	6	MCQ	XE-F	A	1	1/3
10	6	MCQ	XE-F	B	2	2/3
11	6	MCQ	XE-F	A	2	2/3
12	6	MCQ	XE-F	B	2	2/3
13	6	NAT	XE-F	18000 to 19000	2	0
14	6	NAT	XE-F	50.4 to 50.6	2	0
15	6	NAT	XE-F	5.00 to 7.00	2	0
16	6	NAT	XE-F	62 to 99	2	0
17	6	NAT	XE-F	1.980 to 2.040	2	0
18	6	NAT	XE-F	6.00 to 7.00	2	0
19	6	NAT	XE-F	100 to 100	2	0
20	6	NAT	XE-F	10000 to10500	2	0
21	6	NAT	XE-F	4000 to 4200	2	0
22	6	NAT	XE-F	1.000 to 1.500	2	0

## Graduate Aptitude Test in Engineering (GATE 2021)

## Paper / Section : Engineering Sciences (XE) / Food Technology (XE-G)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
1	6	MCQ	XE-G	<b>B</b>	1	1/3
2	6	MCQ	XE-G	<b>D</b>	1	1/3
3	6	MCQ	XE-G	<b>A</b>	1	1/3
4	6	MCQ	XE-G	<b>B</b>	1	1/3
5	6	MCQ	XE-G	<b>B</b>	1	1/3
6	6	MCQ	XE-G	<b>D</b>	1	1/3
7	6	MCQ	XE-G	<b>D</b>	1	1/3
8	6	MCQ	XE-G	<b>C</b>	1	1/3
9	6	MCQ	XE-G	<b>D</b>	1	1/3
10	6	MCQ	XE-G	<b>A</b>	2	2/3
11	6	MCQ	XE-G	<b>B</b>	2	2/3
12	6	MCQ	XE-G	<b>B</b>	2	2/3
13	6	MSQ	XE-G	<b>A; D</b>	2	0
14	6	MSQ	XE-G	<b>A; B</b>	2	0
15	6	MSQ	XE-G	<b>A; C</b>	2	0
16	6	MSQ	XE-G	<b>A; B; D</b>	2	0
17	6	MSQ	XE-G	<b>A; B</b>	2	0
18	6	MSQ	XE-G	<b>A; C</b>	2	0
19	6	MSQ	XE-G	<b>A; C</b>	2	0
20	6	NAT	XE-G	<b>1900 to 1910</b>	2	0
21	6	NAT	XE-G	<b>0.135 to 0.150</b>	2	0
22	6	NAT	XE-G	<b>2.20 to 2.40</b>	2	0



## Graduate Aptitude Test in Engineering (GATE 2021)

Paper / Section : Engineering Sciences (XE) / Atmospheric and Oceanic Sciences (XE-H)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
1	6	MCQ	XE-H	B	1	1/3
2	6	MCQ	XE-H	C	1	1/3
3	6	MCQ	XE-H	B	1	1/3
4	6	MCQ	XE-H	C	1	1/3
5	6	MCQ	XE-H	C	1	1/3
6	6	MSQ	XE-H	A	1	0
7	6	MSQ	XE-H	A; C	1	0
8	6	NAT	XE-H	1.7 to 1.9	1	0
9	6	NAT	XE-H	9 to 11	1	0
10	6	MCQ	XE-H	C	2	2/3
11	6	MSQ	XE-H	A; C	2	0
12	6	MSQ	XE-H	A; C	2	0
13	6	MSQ	XE-H	A; D	2	0
14	6	MSQ	XE-H	A; B	2	0
15	6	MSQ	XE-H	A; D	2	0
16	6	NAT	XE-H	0.4 to 0.6	2	0
17	6	NAT	XE-H	4450 to 4550	2	0
18	6	NAT	XE-H	0.009 to 0.011	2	0
19	6	NAT	XE-H	4 to 6	2	0
20	6	NAT	XE-H	32 to 34	2	0
21	6	NAT	XE-H	1.6 to 1.8	2	0

GATE 2021 Answer Key for Engineering Sciences (XE)

Q. No.	Session	Question Type MCQ/MSQ/NAT	Section Name	Answer Key/Range	Marks	Negative Marks
22	6	NAT	XE-H	39990 to 40010	2	0

