

GRADUATE APTITUDE TEST IN ENGINEERING 2025 अभियांत्रिकी स्नातक अभिक्षमता परीक्षा २०२५



Organising Institute: INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Answer Key for Engineering Sciences (XE)

Q. No.	Session	Q. Type	Section	Key/Range	Marks
1	8	MCQ	GA	D	1
2	8	MCQ	GA	В	1
3	8	MCQ	GA	В	1
4	8	MCQ	GA	С	1
5	8	MCQ	GA	Α	1
6	8	MCQ	GA	Α	2
7	8	MCQ	GA	В	2
8	8	MCQ	GA	С	2
9	8	MCQ	GA	Α	2
10	8	MCQ	GA	С	2
11	8	MCQ	XE-A	D	1
12	8	MCQ	XE-A	Α	1
13	8	MCQ	XE-A	D	1
14	8	MCQ	XE-A	Α	1
15	8	MCQ	XE-A	Α	1
16	8	NAT	XE-A	5 to 5	1
17	8	NAT	XE-A	2 to 2	1
18	8	MCQ	XE-A	В	2
19	8	MCQ	XE-A	D	2
20	8	MSQ	XE-A	A;C	2
21	8	NAT	XE-A	0.68 to 0.73	2
22	8	MCQ	XE-B	Α	1
23	8	MCQ	XE-B	Α	1
24	8	MCQ	XE-B	В	1
25	8	MCQ	XE-B	А	1
26	8	MCQ	XE-B	А	1
27	8	MCQ	XE-B	В	1
28	8	MCQ	XE-B	D	1
29	8	MCQ	XE-B	А	1
30	8	MCQ	XE-B	А	1

31	8	MCQ	XE-B	Α	2
32	8	MCQ	XE-B	А	2
33	8	MCQ	XE-B	Α	2
34	8	MCQ	XE-B	Α	2
35	8	MCQ	XE-B	С	2
36	8	NAT	XE-B	71 to 71	2
37	8	NAT	XE-B	4.80 to 5.00	2
38	8	NAT	XE-B	1 to 1	2
39	8	NAT	XE-B	0.50 to 0.60	2
40	8	NAT	XE-B	-0.32 to -0.32	2
41	8	NAT	XE-B	0.95 to 1.05	2
42	8	NAT	XE-B	0.85 to 0.90	2
43	8	NAT	XE-B	0.85 to 1.28	2
44	8	MCQ	XE-C	В	1
45	8	MCQ	XE-C	Α	1
46	8	MCQ	XE-C	А	1
47	8	MCQ	XE-C	Α	1
48	8	MSQ	XE-C	C;D	1
49	8	MSQ	XE-C	A;C;D	1
50	8	MSQ	XE-C	A;B;C	1
51	8	NAT	XE-C	1 to 1	1
52	8	NAT	XE-C	0.60 to 0.70	1
53	8	MCQ	XE-C	Α	2
54	8	MCQ	XE-C	D	2
55	8	MCQ	XE-C	Α	2
56	8	MCQ	XE-C	В	2
57	8	NAT	XE-C	1.4 to 1.8	2
58	8	NAT	XE-C	1.3 to 1.5	2
59	8	NAT	XE-C	4.20 to 4.60	2
60	8	NAT	XE-C	1.00 to 1.20	2
61	8	NAT	XE-C	0.35 to 0.50	2
62	8	NAT	XE-C	0.90 to 1.30	2
63	8	NAT	XE-C	0.8 to 1.2	2
64	8	NAT	XE-C	0.19 to 0.27	2
65	8	NAT	XE-C	2.0 to 2.6	2
66	8	MCQ	XE-D	D	1
67	8	MCQ	XE-D	В	1
68	8	MCQ	XE-D	С	1

69	8	MCQ	XE-D	Α	1
70	8	MCQ	XE-D	D	1
71	8	MSQ	XE-D	B;C	1
72	8	NAT	XE-D	490 to 494	1
73	8	NAT	XE-D	0.40 to 0.40	1
74	8	NAT	XE-D	400 to 400	1
75	8	MCQ	XE-D	Α	2
76	8	MCQ	XE-D	С	2
77	8	MCQ	XE-D	В	2
78	8	MCQ	XE-D	D	2
79	8	MCQ	XE-D	С	2
80	8	MSQ	XE-D	A;B;D	2
81	8	MSQ	XE-D	A;C	2
82	8	NAT	XE-D	603.5 to 607.5	2
83	8	NAT	XE-D	1.46 to 1.50	2
84	8	NAT	XE-D	4.9 to 5.1	2
85	8	NAT	XE-D	3.43 to 3.47	2
86	8	NAT	XE-D	392 to 394	2
87	8	NAT	XE-D	10 to 10	2
88	8	MCQ	XE-E	В	1
89	8	MCQ	XE-E	С	1
90	8	MCQ	XE-E	А	1
91	8	MCQ	XE-E	С	1
92	8	MCQ	XE-E	С	1
93	8	MCQ	XE-E	Α	1
94	8	NAT	XE-E	0.030 to 0.034	1
95	8	NAT	XE-E	80 to 80	1
96	8	NAT	XE-E	773 to 776	1
97	8	MCQ	XE-E	В	2
98	8	MSQ	XE-E	A;D	2
99	8	MSQ	XE-E	C;D	2
100	8	NAT	XE-E	6.9 to 7.2	2
101	8	NAT	XE-E	63 to 66	2
102	8	NAT	XE-E	11.5 to 12.0	2
103	8	NAT	XE-E	1515 to 1545	2
104	8	NAT	XE-E	1.30 to 1.38	2
105	8	NAT	XE-E	8.9 to 9.4	2
106	8	NAT	XE-E	8.1 to 8.9	2

107 8 NAT XE-E 800 to 800 108 8 NAT XE-E 8.9 to 9.1	2
108 8 NAT XE-E 8.9 to 9.1	
	2
109 8 NAT XE-E 5300 to 5400	2
110 8 MCQ XE-F D	1
111 8 MCQ XE-F D	1
112 8 MCQ XE-F D	1
113 8 MCQ XE-F A	1
114 8 MCQ XE-F C	1
115 8 MCQ XE-F B	1
116 8 MCQ XE-F D	1
117 8 MCQ XE-F A	1
118 8 MCQ XE-F A	1
119 8 MCQ XE-F C	2
120 8 MSQ XE-F C	2
121 8 MSQ XE-F A;B	2
122 8 MSQ XE-F D	2
123 8 MSQ XE-F C;D	2
124 8 MSQ XE-F A;B	2
125 8 MSQ XE-F A;C	2
126 8 MSQ XE-F B;D	2
127 8 NAT XE-F 4975 to 5025	2
128 8 NAT XE-F 0.52 to 0.60	2
129 8 NAT XE-F 2.0 to 2.0	2
130 8 NAT XE-F 1300 to 1330	2
131 8 NAT XE-F 9.4 to 10.2	2
132 8 MCQ XE-G C	1
133 8 MCQ XE-G B	1
134 8 MCQ XE-G C	1
135 8 MCQ XE-G C	1
136 8 MCQ XE-G A	1
137 8 MCQ XE-G A	1
138 8 MSQ XE-G A;C	1
139 8 NAT XE-G 0.40 to 0.44	1
140 8 NAT XE-G 21.0 to 21.0	1
141 8 MCQ XE-G A	2
142 8 MCQ XE-G B	2
143 8 MCQ XE-G A	2

145 8 MCQ XE-G A 2 146 8 MSQ XE-G B;C 2 147 8 MSQ XE-G A;B;D 2 148 8 MSQ XE-G A;B;D 2 149 8 MSQ XE-G B;C 2 150 8 NAT XE-G B;C 2 150 8 NAT XE-G B;C 2 151 8 NAT XE-G 0.046 to 0.050 2 152 8 NAT XE-G 6.25 to 6.32 2 153 8 MCQ XE-H A 1 155 8 MCQ XE-H A 1 <						
147 8 MSQ XE-G A 2 148 8 MSQ XE-G A;B;D 2 149 8 MSQ XE-G B;C 2 150 8 NAT XE-G 0.046 to 0.050 2 151 8 NAT XE-G 0.046 to 0.050 2 151 8 NAT XE-G 0.046 to 0.050 2 152 8 NAT XE-G 3.65 to 3.75 2 153 8 NAT XE-G 6.25 to 6.32 2 154 8 MCQ XE-H A 1 155 8 MCQ XE-H A 1 156 8 MCQ XE-H A 1 157 8 MCQ XE-H A;B 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H A;B 1	145	8	MCQ	XE-G	Α	2
148 8 MSQ XE-G A;B;D 2 149 8 MSQ XE-G B;C 2 150 8 NAT XE-G 0.046 to 0.050 2 151 8 NAT XE-G 152.0 to 156.0 2 152 8 NAT XE-G 3.65 to 3.75 2 153 8 NAT XE-G 6.25 to 6.32 2 153 8 NAT XE-G 6.25 to 6.32 2 154 8 MCQ XE-H A 1 155 8 MCQ XE-H C 1 156 8 MCQ XE-H A 1 157 8 MCQ XE-H B 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H B 1 160 8 MSQ XE-H A;B 1	146	8	MSQ	XE-G	B;C	2
149 8 MSQ XE-G B;C 2 150 8 NAT XE-G 0.046 to 0.050 2 151 8 NAT XE-G 152.0 to 156.0 2 152 8 NAT XE-G 3.65 to 3.75 2 153 8 NAT XE-G 6.25 to 6.32 2 154 8 MCQ XE-H A 1 155 8 MCQ XE-H A 1 156 8 MCQ XE-H A 1 157 8 MCQ XE-H A 1 157 8 MCQ XE-H B 1 159 8 MCQ XE-H B 1 159 8 MCQ XE-H B 1 160 8 MSQ XE-H C 1 160 8 MSQ XE-H D 2 164	147	8	MSQ	XE-G	А	2
150 8 NAT XE-G 0.046 to 0.050 2 151 8 NAT XE-G 152.0 to 156.0 2 152 8 NAT XE-G 3.65 to 3.75 2 153 8 NAT XE-G 6.25 to 6.32 2 154 8 MCQ XE-H A 1 155 8 MCQ XE-H C 1 156 8 MCQ XE-H A 1 157 8 MCQ XE-H C 1 158 8 MCQ XE-H B 1 157 8 MCQ XE-H B 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H B 1 159 8 MCQ XE-H A;B 1 160 8 MSQ XE-H A;B 1 161	148	8	MSQ	XE-G	A;B;D	2
151 8 NAT XE-G 152.0 to 156.0 2 152 8 NAT XE-G 3.65 to 3.75 2 153 8 NAT XE-G 6.25 to 6.32 2 154 8 MCQ XE-H A 1 155 8 MCQ XE-H C 1 156 8 MCQ XE-H A 1 157 8 MCQ XE-H C 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H B 1 159 8 MCQ XE-H B 1 160 8 MSQ XE-H A;B 1 161 8 NAT XE-H A;B 1 161 8 NAT XE-H D 2 162 8 NAT XE-H D 2 163 8 </td <td>149</td> <td>8</td> <td>MSQ</td> <td>XE-G</td> <td>B;C</td> <td>2</td>	149	8	MSQ	XE-G	B;C	2
152 8 NAT XE-G 3.65 to 3.75 2 153 8 NAT XE-G 6.25 to 6.32 2 154 8 MCQ XE-H A 1 155 8 MCQ XE-H C 1 156 8 MCQ XE-H C 1 157 8 MCQ XE-H C 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H C 1 160 8 MSQ XE-H C 1 160 8 MSQ XE-H A;B 1 161 8 NAT XE-H 1 to 1 1 162 8 NAT XE-H D 2 163 8 MCQ XE-H D 2 164 8 MCQ XE-H B 2 165 8	150	8	NAT	XE-G	0.046 to 0.050	2
153 8 NAT XE-G 6.25 to 6.32 2 154 8 MCQ XE-H A 1 155 8 MCQ XE-H C 1 156 8 MCQ XE-H A 1 157 8 MCQ XE-H C 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H B 1 160 8 MSQ XE-H C 1 160 8 MSQ XE-H A;B 1 161 8 NAT XE-H A;B 1 162 8 NAT XE-H 1 1 1 162 8 NAT XE-H D 2 2 1 163 8 MCQ XE-H D 2 2 1 1 1 2 2 1 1 <t< td=""><td>151</td><td>8</td><td>NAT</td><td>XE-G</td><td>152.0 to 156.0</td><td>2</td></t<>	151	8	NAT	XE-G	152.0 to 156.0	2
154 8 MCQ XE-H A 1 155 8 MCQ XE-H C 1 156 8 MCQ XE-H A 1 157 8 MCQ XE-H C 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H B 1 160 8 MSQ XE-H C 1 160 8 MSQ XE-H A;B 1 161 8 NAT XE-H A;B 1 161 8 NAT XE-H A;B 1 162 8 NAT XE-H 1 to 1 1 163 8 MCQ XE-H D 2 164 8 MCQ XE-H B 2 165 8 MCQ XE-H B 2 166 8 MCQ	152	8	NAT	XE-G	3.65 to 3.75	2
155 8 MCQ XE-H C 1 156 8 MCQ XE-H A 1 157 8 MCQ XE-H C 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H C 1 160 8 MSQ XE-H C 1 160 8 MSQ XE-H A;B 1 161 8 MSQ XE-H A;B 1 161 8 MSQ XE-H 1 1 1 162 8 NAT XE-H D 2 2 1	153	8	NAT	XE-G	6.25 to 6.32	2
156 8 MCQ XE-H A 1 157 8 MCQ XE-H C 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H C 1 160 8 MSQ XE-H C 1 160 8 MSQ XE-H A;B 1 161 8 MSQ XE-H A;B 1 161 8 NAT XE-H 1 to 1 1 162 8 NAT XE-H D 2 163 8 MCQ XE-H D 2 164 8 MCQ XE-H B 2 165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H B;D 2 168 8 MCQ	154	8	MCQ	XE-H	А	1
157 8 MCQ XE-H C 1 158 8 MCQ XE-H B 1 159 8 MCQ XE-H C 1 160 8 MSQ XE-H C 1 160 8 MSQ XE-H A;B 1 161 8 NAT XE-H A;B 1 161 8 NAT XE-H 1 1 162 8 NAT XE-H D 2 163 8 MCQ XE-H D 2 164 8 MCQ XE-H B 2 165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H B 2 168 8 MCQ XE-H B;D 2 170 8 NAT	155	8	MCQ	XE-H	С	1
158 8 MCQ XE-H B 1 159 8 MCQ XE-H C 1 160 8 MSQ XE-H C 1 160 8 MSQ XE-H A;B 1 161 8 NAT XE-H 1 to 1 1 162 8 NAT XE-H D 2 163 8 MCQ XE-H D 2 164 8 MCQ XE-H B 2 165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H B 2 168 8 MCQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8	156	8	MCQ	XE-H	А	1
159 8 MCQ XE-H C 1 160 8 MSQ XE-H A;B 1 161 8 NAT XE-H 1 to 1 1 162 8 NAT XE-H 1.72 to 1.78 1 163 8 MCQ XE-H D 2 164 8 MCQ XE-H C 2 165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H B 2 168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 40 to 42 2 172 8 NAT XE-H 40 to 42 2 173 <td< td=""><td>157</td><td>8</td><td>MCQ</td><td>XE-H</td><td>С</td><td>1</td></td<>	157	8	MCQ	XE-H	С	1
160 8 MSQ XE-H A;B 1 161 8 NAT XE-H 1 to 1 1 162 8 NAT XE-H 1.72 to 1.78 1 163 8 MCQ XE-H D 2 164 8 MCQ XE-H C 2 165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H D 2 168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 5 to 5 2	158	8	MCQ	XE-H	В	1
161 8 NAT XE-H 1 to 1 1 162 8 NAT XE-H 1.72 to 1.78 1 163 8 MCQ XE-H D 2 164 8 MCQ XE-H C 2 165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H D 2 168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 5 to 5 2	159	8	MCQ	XE-H	С	1
162 8 NAT XE-H 1.72 to 1.78 1 163 8 MCQ XE-H D 2 164 8 MCQ XE-H C 2 165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H D 2 168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 5 to 5 2	160	8	MSQ	XE-H	A;B	1
163 8 MCQ XE-H D 2 164 8 MCQ XE-H C 2 165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H D 2 168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	161	8	NAT	XE-H	1 to 1	1
164 8 MCQ XE-H C 2 165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H D 2 168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	162	8	NAT	XE-H	1.72 to 1.78	1
165 8 MCQ XE-H B 2 166 8 MCQ XE-H D 2 167 8 MCQ XE-H D 2 168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	163	8	MCQ	XE-H	D	2
166 8 MCQ XE-H D 2 167 8 MCQ XE-H D 2 168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	164	8	MCQ	XE-H	С	2
167 8 MCQ XE-H D 2 168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	165	8	MCQ	XE-H	В	2
168 8 MCQ XE-H B 2 169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	166	8	MCQ	XE-H	D	2
169 8 MSQ XE-H B;D 2 170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	167	8	MCQ	XE-H	D	2
170 8 NAT XE-H 189 to 191 2 171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	168	8	MCQ	XE-H	В	2
171 8 NAT XE-H 0.18 to 0.19 2 172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	169	8	MSQ	XE-H	B;D	2
172 8 NAT XE-H 40 to 42 2 173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	170	8	NAT	XE-H	189 to 191	2
173 8 NAT XE-H 50 to 52 2 174 8 NAT XE-H 5 to 5 2	171	8	NAT	XE-H	0.18 to 0.19	2
174 8 NAT XE-H 5 to 5 2	172	8	NAT	XE-H	40 to 42	2
	173	8	NAT	XE-H	50 to 52	2
175 8 NAT XE-H 2 to 2 2	174	8	NAT	XE-H	5 to 5	2
	175	8	NAT	XE-H	2 to 2	2