

## **GRADUATE APTITUDE TEST IN ENGINEERING 2024**



अभियांत्रिकी स्नातक अभिक्षमता परीक्षा २०२४

ORGANISING INSTITUTE: INDIAN INSTITUTE OF SCIENCE, BENGALURU

## Biotechnology (BT) Final Answer Key

Q. No.	Session	Question Type	Section	Key/Range	Mark
1	5	MCQ	GA	A	1
2	5	MCQ	GA	D	1
3	5	MCQ	GA	Α	1
4	5	MCQ	GA	С	1
5	5	MCQ	GA	Α	1
6	5	MCQ	GA	С	2
7	5	MCQ	GA	Α	2
8	5	MCQ	GA	С	2
9	5	MCQ	GA	Α	2
10	5	MCQ	GA	Α	2
11	5	MCQ	ВТ	D	1
12	5	MCQ	BT	Α	1
13	5	MCQ	BT	D	1
14	5	MCQ	BT	D	1
15	5	MCQ	ВТ	D	1
16	5	MCQ	ВТ	В	1
17	5	MCQ	BT	Α	1
18	5	MCQ	BT	D	1
19	5	MCQ	ВТ	Α	1
20	5	MCQ	ВТ	Α	1
21	5	MCQ	ВТ	Α	1
22	5	MCQ	ВТ	В	1
23	5	MCQ	ВТ	Α	1
24	5	MCQ	ВТ	D	1
25	5	MCQ	ВТ	С	1
26	5	MCQ	ВТ	Α	1
27	5	MCQ	BT	Α	1
28	5	MCQ	BT	С	1
29	5	MCQ	ВТ	D	1

30 5 MCQ BT C 1   31 5 MCQ BT C 1   32 5 MCQ BT B 1   33 5 NAT BT 1 to 1 1   34 5 NAT BT 2 to 2 1   35 5 NAT BT 2 to 2 1   36 5 NAT BT 2 3 to 2.3 1   36 5 MCQ BT A 2   37 5 MCQ BT B 2   38 5 MCQ BT B 2   39 5 MCQ BT A 2   40 5 MCQ BT A 2   41 5 MCQ BT B 2   41 5 MCQ BT A 2   43 5 MCQ BT A			1			
32 5 MCQ BT B 1   33 5 NAT BT 1 to 1 1   34 5 NAT BT 2 to 2 1   35 5 NAT BT 2 to 2 1   36 5 MCQ BT A 2   37 5 MCQ BT B 2   38 5 MCQ BT B 2   39 5 MCQ BT D 2   40 5 MCQ BT D 2   40 5 MCQ BT D 2   41 5 MCQ BT B 2   41 5 MCQ BT B 2   42 5 MCQ BT A 2   43 5 MCQ BT A;C;D 2   44 5 MSQ BT A;C;D<	30	5	MCQ	ВТ	С	1
33 5 NAT BT 1 to 1 1   34 5 NAT BT 2 to 2 1   35 5 NAT BT 2.3 to 2.3 1   36 5 MCQ BT A 2   37 5 MCQ BT B 2   38 5 MCQ BT D 2   39 5 MCQ BT D 2   40 5 MCQ BT D 2   40 5 MCQ BT D 2   41 5 MCQ BT B 2   41 5 MCQ BT B 2   42 5 MCQ BT A 2   43 5 MCQ BT A 2   44 5 MSQ BT A;C;D 2   45 5 MSQ BT A;	31	5	MCQ	ВТ	С	1
34 5 NAT BT 2 to 2 1   35 5 NAT BT 2.3 to 2.3 1   36 5 MCQ BT A 2   37 5 MCQ BT B 2   38 5 MCQ BT D 2   39 5 MCQ BT D 2   40 5 MCQ BT A 2   40 5 MCQ BT D 2   41 5 MCQ BT B 2   42 5 MCQ BT A 2   43 5 MCQ BT A;C;D 2   43 5 MSQ BT A;C;D 2   45 5 MSQ BT A;C;D 2   45 5 MSQ BT A;B;C 2   48 5 MSQ BT	32	5	MCQ	ВТ	В	1
35 5 NAT BT 2.3 to 2.3 1   36 5 MCQ BT A 2   37 5 MCQ BT B 2   38 5 MCQ BT D 2   39 5 MCQ BT D 2   40 5 MCQ BT A 2   40 5 MCQ BT B 2   41 5 MCQ BT B 2   42 5 MCQ BT B 2   43 5 MCQ BT A 2   44 5 MSQ BT A;C;D 2   45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;B;C 2   48 5 MSQ BT A;B;C 2   49 5 MSQ BT	33	5	NAT	BT	1 to 1	1
36 5 MCQ BT A 2   37 5 MCQ BT B 2   38 5 MCQ BT D 2   39 5 MCQ BT A 2   40 5 MCQ BT D 2   41 5 MCQ BT B 2   41 5 MCQ BT B 2   42 5 MCQ BT A 2   43 5 MCQ BT A 2   44 5 MSQ BT B;C 2   45 5 MSQ BT A;C;D 2   45 5 MSQ BT A;B;C 2   48 5 MSQ BT A;D 2   48 5 MSQ BT A;D 2   50 5 MSQ BT A;D	34	5	NAT	BT	2 to 2	1
37 5 MCQ BT B 2   38 5 MCQ BT D 2   39 5 MCQ BT D 2   40 5 MCQ BT D 2   41 5 MCQ BT B 2   41 5 MCQ BT B 2   42 5 MCQ BT A 2   43 5 MCQ BT A 2   44 5 MSQ BT B;C 2   45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;B;C 2   48 5 MSQ BT A;B;C 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;C <td>35</td> <td>5</td> <td>NAT</td> <td>ВТ</td> <td>2.3 to 2.3</td> <td>1</td>	35	5	NAT	ВТ	2.3 to 2.3	1
38 5 MCQ BT D 2   39 5 MCQ BT A 2   40 5 MCQ BT D 2   41 5 MCQ BT B 2   41 5 MCQ BT B 2   42 5 MCQ BT A 2   43 5 MCQ BT A 2   44 5 MSQ BT A;C;D 2   45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;D 2   47 5 MSQ BT B;D 2   48 5 MSQ BT A;D 2   49 5 MSQ BT A;C 2   51 5 MSQ BT A;C 2   51 5 MSQ BT A;C <td>36</td> <td>5</td> <td>MCQ</td> <td>ВТ</td> <td>Α</td> <td>2</td>	36	5	MCQ	ВТ	Α	2
39 5 MCQ BT A 2   40 5 MCQ BT D 2   41 5 MCQ BT B 2   42 5 MCQ BT C 2   43 5 MCQ BT A 2   44 5 MSQ BT B;C 2   45 5 MSQ BT A;C;D 2   45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;B;C 2   47 5 MSQ BT B;D 2   48 5 MSQ BT A;B;C 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;B;C 2   53 5 MSQ BT <	37	5	MCQ	ВТ	В	2
40 5 MCQ BT D 2   41 5 MCQ BT B 2   42 5 MCQ BT C 2   43 5 MCQ BT A 2   44 5 MSQ BT B;C 2   45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;D 2   47 5 MSQ BT A;B;C 2   48 5 MSQ BT B;D 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;C 2   51 5 MSQ BT A;B;C 2   53 5 MSQ BT C 2   54 5 NAT BT 3	38	5	MCQ	ВТ	D	2
41 5 MCQ BT B 2   42 5 MCQ BT C 2   43 5 MCQ BT A 2   44 5 MSQ BT B;C 2   45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;D 2   47 5 MSQ BT A;B;C 2   48 5 MSQ BT B;D 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;D 2   51 5 MSQ BT A;B;C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT	39	5	MCQ	BT	Α	2
42 5 MCQ BT C 2   43 5 MCQ BT A 2   44 5 MSQ BT B;C 2   45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;D 2   47 5 MSQ BT A;B;C 2   48 5 MSQ BT B;D 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;D 2   51 5 MSQ BT A;B;C 2   51 5 MSQ BT A;B;C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   57 5 NAT BT <td>40</td> <td>5</td> <td>MCQ</td> <td>BT</td> <td>D</td> <td>2</td>	40	5	MCQ	BT	D	2
43 5 MCQ BT A 2   44 5 MSQ BT B;C 2   45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;D 2   47 5 MSQ BT A;B;C 2   48 5 MSQ BT B;D 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;D 2   51 5 MSQ BT A;D 2   51 5 MSQ BT A;B;C 2   53 5 MSQ BT A;B;C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT<	41	5	MCQ	ВТ	В	2
44 5 MSQ BT B;C 2   45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;D 2   47 5 MSQ BT A;B;C 2   48 5 MSQ BT B;D 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;D 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT <td>42</td> <td>5</td> <td>MCQ</td> <td>BT</td> <td>С</td> <td>2</td>	42	5	MCQ	BT	С	2
45 5 MSQ BT A;C;D 2   46 5 MSQ BT A;D 2   47 5 MSQ BT A;B;C 2   48 5 MSQ BT B;D 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;D 2   52 5 MSQ BT A;B;C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 <td< td=""><td>43</td><td>5</td><td>MCQ</td><td>BT</td><td>Α</td><td>2</td></td<>	43	5	MCQ	BT	Α	2
46 5 MSQ BT A;D 2   47 5 MSQ BT A;B;C 2   48 5 MSQ BT B;D 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;B;C 2   52 5 MSQ BT C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5	44	5	MSQ	BT	B;C	2
46 5 MSQ BT A;D 2   47 5 MSQ BT A;B;C 2   48 5 MSQ BT B;D 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;B;C 2   52 5 MSQ BT C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5	45	5	MSQ	BT	A;C;D	2
48 5 MSQ BT B;D 2   49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;D 2   52 5 MSQ BT A;B;C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 0.1 to 0.1 2   60 5 NAT BT 50 to 50 2	46	5	MSQ	BT		2
49 5 MSQ BT A;D 2   50 5 MSQ BT A;C 2   51 5 MSQ BT A;B;C 2   52 5 MSQ BT C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	47	5	MSQ	BT	A;B;C	2
50 5 MSQ BT A;C 2   51 5 MSQ BT A;D 2   52 5 MSQ BT A;B;C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	48	5	MSQ	ВТ	B;D	2
51 5 MSQ BT A;D 2   52 5 MSQ BT A;B;C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	49	5	MSQ	ВТ	A;D	2
52 5 MSQ BT A;B;C 2   53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	50	5	MSQ	BT	A;C	2
53 5 MSQ BT C 2   54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	51	5	MSQ	BT	A;D	2
54 5 NAT BT 33 to 35 2   55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	52	5	MSQ	BT	A;B;C	2
55 5 NAT BT 80 to 80 2   56 5 NAT BT 625 to 625 2   57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	53	5	MSQ	BT	С	2
56 5 NAT BT 625 to 625 2   57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	54	5	NAT	BT	33 to 35	2
57 5 NAT BT -24 to -24 2   58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	55	5	NAT	BT	80 to 80	2
58 5 NAT BT 13.00 to 14.00 2   59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	56	5	NAT	BT	625 to 625	2
59 5 NAT BT 110 to 110 2   60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	57	5	NAT	BT	-24 to -24	2
60 5 NAT BT 0.1 to 0.1 2   61 5 NAT BT 50 to 50 2	58	5	NAT	ВТ	13.00 to 14.00	2
61 5 NAT BT 50 to 50 2	59	5	NAT	BT	110 to 110	2
	60	5	NAT	BT	0.1 to 0.1	2
62 5 NAT BT 6 to 6 2	61	5	NAT	BT	50 to 50	2
	62	5	NAT	ВТ	6 to 6	2
63 5 NAT BT 1012 to 1012 2	63	5	NAT	BT	1012 to 1012	2
64 5 NAT BT 3 to 3 2	64	5	NAT	BT	3 to 3	2
65 5 NAT BT 3.11 to 3.13 2	65	5	NAT	ВТ	3.11 to 3.13	2