

**GRADUATE APTITUDE TEST IN ENGINEERING 2024**

अभियांत्रिकी स्नातक अभिक्षमता परीक्षा २०२४

ORGANISING INSTITUTE: INDIAN INSTITUTE OF SCIENCE, BENGALURU

**Environmental Science & Engineering (ES)**  
**Master Answer Key**

| Q. No. | Session | Question Type | Section | Key/Range | Mark |
|--------|---------|---------------|---------|-----------|------|
| 1      | 1       | MCQ           | GA      | D         | 1    |
| 2      | 1       | MCQ           | GA      | A         | 1    |
| 3      | 1       | MCQ           | GA      | B         | 1    |
| 4      | 1       | MCQ           | GA      | B         | 1    |
| 5      | 1       | MCQ           | GA      | B         | 1    |
| 6      | 1       | MCQ           | GA      | D         | 2    |
| 7      | 1       | MCQ           | GA      | A         | 2    |
| 8      | 1       | MCQ           | GA      | B         | 2    |
| 9      | 1       | MCQ           | GA      | A         | 2    |
| 10     | 1       | MCQ           | GA      | A         | 2    |
| 11     | 1       | MCQ           | ES      | B         | 1    |
| 12     | 1       | MCQ           | ES      | D         | 1    |
| 13     | 1       | MCQ           | ES      | C         | 1    |
| 14     | 1       | MCQ           | ES      | A         | 1    |
| 15     | 1       | MCQ           | ES      | C         | 1    |
| 16     | 1       | MCQ           | ES      | B         | 1    |
| 17     | 1       | MCQ           | ES      | A         | 1    |
| 18     | 1       | MCQ           | ES      | D         | 1    |
| 19     | 1       | MCQ           | ES      | C         | 1    |
| 20     | 1       | MCQ           | ES      | B         | 1    |
| 21     | 1       | MCQ           | ES      | C         | 1    |
| 22     | 1       | MCQ           | ES      | B         | 1    |
| 23     | 1       | MCQ           | ES      | B         | 1    |
| 24     | 1       | MSQ           | ES      | A;C       | 1    |
| 25     | 1       | MSQ           | ES      | A;B;C     | 1    |
| 26     | 1       | MSQ           | ES      | A;C;D     | 1    |
| 27     | 1       | MSQ           | ES      | A;C       | 1    |
| 28     | 1       | MSQ           | ES      | C;D       | 1    |
| 29     | 1       | MSQ           | ES      | A;B;C     | 1    |
| 30     | 1       | MSQ           | ES      | A;B;D     | 1    |
| 31     | 1       | MSQ           | ES      | A;B;D     | 1    |
| 32     | 1       | NAT           | ES      | -1 to -1  | 1    |

|    |   |     |    |                  |   |
|----|---|-----|----|------------------|---|
| 33 | 1 | NAT | ES | -0.40 to -0.30   | 1 |
| 34 | 1 | NAT | ES | 517625 to 517625 | 1 |
| 35 | 1 | NAT | ES | 16 to 16         | 1 |
| 36 | 1 | MCQ | ES | B                | 2 |
| 37 | 1 | MCQ | ES | D                | 2 |
| 38 | 1 | MCQ | ES | B                | 2 |
| 39 | 1 | MCQ | ES | A                | 2 |
| 40 | 1 | MCQ | ES | A                | 2 |
| 41 | 1 | MCQ | ES | D                | 2 |
| 42 | 1 | MSQ | ES | B;C              | 2 |
| 43 | 1 | MSQ | ES | A;B              | 2 |
| 44 | 1 | MSQ | ES | A;B;C            | 2 |
| 45 | 1 | MSQ | ES | A;C              | 2 |
| 46 | 1 | MSQ | ES | A;C              | 2 |
| 47 | 1 | MSQ | ES | A;B              | 2 |
| 48 | 1 | MSQ | ES | A;D              | 2 |
| 49 | 1 | NAT | ES | 3.70 to 3.90     | 2 |
| 50 | 1 | NAT | ES | 4.46 to 4.46     | 2 |
| 51 | 1 | NAT | ES | 0.033 to 0.033   | 2 |
| 52 | 1 | NAT | ES | 234.0 to 236.0   | 2 |
| 53 | 1 | NAT | ES | 63 to 63         | 2 |
| 54 | 1 | NAT | ES | 2.38 to 2.41     | 2 |
| 55 | 1 | NAT | ES | 20 to 20         | 2 |
| 56 | 1 | NAT | ES | 3.40 to 3.50     | 2 |
| 57 | 1 | NAT | ES | 132.00 to 133.00 | 2 |
| 58 | 1 | NAT | ES | 40.00 to 41.00   | 2 |
| 59 | 1 | NAT | ES | 2.50 to 2.60     | 2 |
| 60 | 1 | NAT | ES | 1.75 to 1.80     | 2 |
| 61 | 1 | NAT | ES | 142.00 to 143.00 | 2 |
| 62 | 1 | NAT | ES | 320.00 to 321.00 | 2 |
| 63 | 1 | NAT | ES | 0.02 to 0.02     | 2 |
| 64 | 1 | NAT | ES | 143280 to 144000 | 2 |
| 65 | 1 | NAT | ES | 155 to 155       | 2 |