

# GATE 2014

## Answer Keys for EC - Electronics and Communication Engineering

| Section | Q. No. | SESSION -      |       |
|---------|--------|----------------|-------|
|         |        | Key / Range    | Marks |
| GA      | 1      | C              | 1     |
| GA      | 2      | B              | 1     |
| GA      | 3      | B              | 1     |
| GA      | 4      | 16 to 16       | 1     |
| GA      | 5      | D              | 1     |
| GA      | 6      | B              | 2     |
| GA      | 7      | D              | 2     |
| GA      | 8      | 4 to 4         | 2     |
| GA      | 9      | 20000 to 20000 | 2     |
| GA      | 10     | 0.80 to 0.82   | 2     |
| EC      | 1      | -0.01 to 0.01  | 1     |
| EC      | 2      | A              | 1     |
| EC      | 3      | B              | 1     |
| EC      | 4      | C              | 1     |
| EC      | 5      | C              | 1     |
| EC      | 6      | A              | 1     |
| EC      | 7      | 0.49 to 0.51   | 1     |
| EC      | 8      | C              | 1     |
| EC      | 9      | D              | 1     |
| EC      | 10     | 12.9 to 13.1   | 1     |
| EC      | 11     | A              | 1     |
| EC      | 12     | 1.04 to 1.12   | 1     |
| EC      | 13     | 0.08 to 0.12   | 1     |
| EC      | 14     | 0.24 to 0.26   | 1     |
| EC      | 15     | D              | 1     |
| EC      | 16     | D              | 1     |
| EC      | 17     | A              | 1     |
| EC      | 18     | B              | 1     |
| EC      | 19     | 9.5 to 10.5    | 1     |
| EC      | 20     | C              | 1     |
| EC      | 21     | -0.01 to 0.01  | 1     |
| EC      | 22     | C              | 1     |
| EC      | 23     | A              | 1     |

| Section | Q. No. | SESSION -     |       |
|---------|--------|---------------|-------|
|         |        | Key / Range   | Marks |
| EC      | 24     | 7750 to 7850  | 1     |
| EC      | 25     | C             | 1     |
| EC      | 26     | 5.9 to 6.1    | 2     |
| EC      | 27     | B             | 2     |
| EC      | 28     | 2.9 to 3.1    | 2     |
| EC      | 29     | 0.15 to 0.18  | 2     |
| EC      | 30     | B             | 2     |
| EC      | 31     | D             | 2     |
| EC      | 32     | 1.9 to 2.1    | 2     |
| EC      | 33     | 9 to 11       | 2     |
| EC      | 34     | D             | 2     |
| EC      | 35     | 0.06 to 0.08  | 2     |
| EC      | 36     | 2.3 to 2.5    | 2     |
| EC      | 37     | B             | 2     |
| EC      | 38     | D             | 2     |
| EC      | 39     | 1.4 to 1.6    | 2     |
| EC      | 40     | B             | 2     |
| EC      | 41     | C             | 2     |
| EC      | 42     | A             | 2     |
| EC      | 43     | -0.6 to -0.4  | 2     |
| EC      | 44     | A             | 2     |
| EC      | 45     | 11.9 to 12.1  | 2     |
| EC      | 46     | 0.49 to 0.51  | 2     |
| EC      | 47     | B             | 2     |
| EC      | 48     | B             | 2     |
| EC      | 49     | C             | 2     |
| EC      | 50     | 2.4 to 2.6    | 2     |
| EC      | 51     | 199 to 201    | 2     |
| EC      | 52     | 1.9 to 2.1    | 2     |
| EC      | 53     | -0.01 to 0.01 | 2     |
| EC      | 54     | D             | 2     |
| EC      | 55     | 29 to 31      | 2     |