

**GATE 2014**  
**Answer Keys for PH - Physics**

| Section | Q. No. | Key / Range  | Marks |
|---------|--------|--------------|-------|
| GA      | 1      | A            | 1     |
| GA      | 2      | B            | 1     |
| GA      | 3      | D            | 1     |
| GA      | 4      | C            | 1     |
| GA      | 5      | 1300 to 1300 | 1     |
| GA      | 6      | D            | 2     |
| GA      | 7      | B            | 2     |
| GA      | 8      | 180 to 180   | 2     |
| GA      | 9      | D            | 2     |
| GA      | 10     | B            | 2     |
| PH      | 1      | D            | 1     |
| PH      | 2      | B            | 1     |
| PH      | 3      | A            | 1     |
| PH      | 4      | 2.1 to 2.3   | 1     |
| PH      | 5      | C            | 1     |
| PH      | 6      | 1.99 to 2.01 | 1     |
| PH      | 7      | 1.49 to 1.51 | 1     |
| PH      | 8      | D            | 1     |
| PH      | 9      | C            | 1     |
| PH      | 10     | D            | 1     |
| PH      | 11     | B            | 1     |
| PH      | 12     | B            | 1     |
| PH      | 13     | D            | 1     |
| PH      | 14     | 0.99 to 1.01 | 1     |
| PH      | 15     | 1.99 to 2.01 | 1     |
| PH      | 16     | B            | 1     |
| PH      | 17     | D            | 1     |
| PH      | 18     | A            | 1     |
| PH      | 19     | C            | 1     |
| PH      | 20     | A            | 1     |
| PH      | 21     | A            | 1     |
| PH      | 22     | B            | 1     |
| PH      | 23     | C            | 1     |

| Section | Q. No. | Key / Range    | Marks |
|---------|--------|----------------|-------|
| PH      | 24     | A              | 1     |
| PH      | 25     | 6.99 to 7.01   | 1     |
| PH      | 26     | A              | 2     |
| PH      | 27     | D              | 2     |
| PH      | 28     | 40 to 43       | 2     |
| PH      | 29     | A              | 2     |
| PH      | 30     | 114 to 117     | 2     |
| PH      | 31     | 3.99 to 4.01   | 2     |
| PH      | 32     | 1.99 to 2.01   | 2     |
| PH      | 33     | D              | 2     |
| PH      | 34     | B              | 2     |
| PH      | 35     | C              | 2     |
| PH      | 36     | 2.3 to 2.4     | 2     |
| PH      | 37     | D              | 2     |
| PH      | 38     | 0.24 to 0.26   | 2     |
| PH      | 39     | 1.41 to 1.47   | 2     |
| PH      | 40     | A              | 2     |
| PH      | 41     | B              | 2     |
| PH      | 42     | 0.66 to 0.68   | 2     |
| PH      | 43     | 3.91 to 4.15   | 2     |
| PH      | 44     | D              | 2     |
| PH      | 45     | 10.58 to 10.70 | 2     |
| PH      | 46     | C              | 2     |
| PH      | 47     | B              | 2     |
| PH      | 48     | C              | 2     |
| PH      | 49     | 34.9 to 35.1   | 2     |
| PH      | 50     | 3.2 to 3.3     | 2     |
| PH      | 51     | C              | 2     |
| PH      | 52     | 1.4 to 1.7     | 2     |
| PH      | 53     | 9.99 to 10.01  | 2     |
| PH      | 54     | 1.99 to 2.01   | 2     |
| PH      | 55     | B              | 2     |