

**JAM 2019 ANSWER KEY**  
**Model Answer Key for PH Paper**

|                        |                  |
|------------------------|------------------|
| Paper : <b>PHYSICS</b> | Code : <b>PH</b> |
|------------------------|------------------|

| SECTION – A (MCQ) |     |        |     | SECTION – B (MSQ) |         | SECTION – C (NAT Type) |                    |        |                |
|-------------------|-----|--------|-----|-------------------|---------|------------------------|--------------------|--------|----------------|
| Q. No.            | KEY | Q. No. | KEY | Q. No.            | KEYS    | Q. No.                 | KEY RANGE          | Q. No. | KEY RANGE      |
| 01                | D   | 16     | B   | 31                | A,B     | 41                     | 5.95 to 6.01       | 56     | 1              |
| 02                | D   | 17     | C   | 32                | C       | 42                     | 0.42 to 0.43       | 57     | 25.95 to 25.97 |
| 03                | A   | 18     | B   | 33                | A,B,C   | 43                     | 54.67 to 54.71     | 58     | 0.10 to 0.16   |
| 04                | B   | 19     | A   | 34                | A,C     | 44                     | 4                  | 59     | 6.625          |
| 05                | C   | 20     | B   | 35                | C       | 45                     | 4 to 4 or -4 to -4 | 60     | 2              |
| 06                | A   | 21     | A   | 36                | B,C,D   | 46                     | 1.16 to 1.17       |        |                |
| 07                | C   | 22     | C   | 37                | A,B,C,D | 47                     | 3.124 to 3.126     |        |                |
| 08                | C   | 23     | D   | 38                | A       | 48                     | 2                  |        |                |
| 09                | B   | 24     | B   | 39                | C       | 49                     | 0.63 to 0.65       |        |                |
| 10                | D   | 25     | B   | 40                | D       | 50                     | 11.0 to 11.03      |        |                |
| 11                | C   | 26     | D   |                   |         | 51                     | 444.4 to 445.0     |        |                |
| 12                | A   | 27     | A   |                   |         | 52                     | 111.0 to 111.2     |        |                |
| 13                | A   | 28     | D   |                   |         | 53                     | 29                 |        |                |
| 14                | C   | 29     | C   |                   |         | 54                     | 0.3 to 3.97        |        |                |
| 15                | C   | 30     | D   |                   |         | 55                     | 0.50               |        |                |