

COMMON ENTRANCE TEST - 2019**ANSWER KEYS - PHYSICS**

| Qnno | A1 | A2 | A3 | A4 | A5 | B1 | B2 | B3 | B4 | B5 | C1 | C2 | C3 | C4 | C5 | D1 | D2 | D3 | D4 | D5 |
|------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 |
| 2 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 4 | 3 | 1 | 4 | 2 | 2 |
| 3 | 4 | 3 | 2 | 1 | 4 | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 |
| 4 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 |
| 5 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 |
| 6 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | G | G | G | G | G | 3 | 1 | 4 | 2 | 2 |
| 7 | 4 | 3 | 2 | 1 | 4 | 4 | 3 | 2 | 1 | 4 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 |
| 8 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 |
| 9 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 |
| 10 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 | 2 | 4 | 1 | 3 | 3 |
| 11 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 |
| 12 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 |
| 13 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 |
| 14 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 |
| 15 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 4 | 3 | 1 | 4 | 2 | 2 |
| 16 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 |
| 17 | 4 | 3 | 2 | 1 | 4 | 4 | 3 | 2 | 1 | 4 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 |
| 18 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 |
| 19 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 |
| 20 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 |
| 21 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 | G | G | G | G | G |
| 22 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 | 1 | 2 | 3 | 4 | 1 |
| 23 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 |
| 24 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 |
| 25 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 4 |
| 26 | G | G | G | G | G | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 |
| 27 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 4 | 2 | 2 |
| 28 | 2 | 4 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 4 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 |
| 29 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 |
| 30 | 4 | 3 | 2 | 1 | 4 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 |
| 31 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 |
| 32 | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 |
| 33 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 |
| 34 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 |
| 35 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 |
| 36 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 |
| 37 | 4 | 3 | 2 | 1 | 4 | 4 | 3 | 2 | 1 | 4 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 |
| 38 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 |
| 39 | 4 | 3 | 2 | 1 | 4 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 |
| 40 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 |
| 41 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 |
| 42 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 |
| 43 | 4 | 3 | 2 | 1 | 4 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 | 3 | 1 | 4 | 2 | 2 |
| 44 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 |
| 45 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 |
| 46 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 |
| 47 | 4 | 3 | 2 | 1 | 4 | 2 | 4 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 4 | 3 | 1 | 4 | 2 | 2 |
| 48 | 2 | 4 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 4 | 2 | 4 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 4 |
| 49 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 | 1 | 2 | 3 | 4 | 1 |
| 50 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 |
| 51 | 3 | 1 | 4 | 2 | 2 | G | G | G | G | G | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 |
| 52 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 | 4 | 3 | 2 | 1 | 4 | 4 | 3 | 2 | 1 | 4 |
| 53 | 3 | 1 | 4 | 2 | 2 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 |
| 54 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 4 |
| 55 | 4 | 3 | 2 | 1 | 4 | 4 | 3 | 2 | 1 | 4 | 2 | 4 | 1 | 3 | 3 | 3 | 1 | 4 | 2 | 2 |
| 56 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 1 | 2 | 3 | 4 | 1 | 3 | 1 | 4 | 2 | 2 |
| 57 | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 4 | 2 | 2 | 4 | 3 | 2 | 1 | 4 |
| 58 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 | 4 | 3 | 2 | 1 | 4 | 2 | 4 | 1 | 3 | 3 |
| 59 | 2 | 4 | 1 | 3 | 3 | 2 | 4 | 1 | 3 | 3 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 |
| 60 | 3 | 1 | 4 | 2 | 2 | 3 | 1 | 4 | 2 | 2 | 1 | 2 | 3 | 4 | 1 | 2 | 4 | 1 | 3 | 3 |

Note:

1. G - Indicates One GRACE MARK Awarded for the Question Number.
2. Value more than four indicates multiple answers are correct.