|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **No. of bulbs** | **Ammeter A1** | **Voltmeter V1** | **Ammeter A2** | **Voltmeter V2** |
| 1 | 3 | 225 | 0 | 220 |
| 2 | 3.6 | 225 | 2.8 | 212 |
| 3 | 5.4 | 225 | 3.2 | 208 |
| 4 | 6.8 | 225 | 3.6 | 205 |
| 5 | 8 | 225 | 5.5 | 200 |
| 6 | 10 | 225 | 7 | 195 |
| 7 | 11.5 | 225 | 8.1 | 189 |
| 8 | 13 | 225 | 10.2 | 184 |
| 9 | 14.2 | 225 | 11 | 179 |
| 10 | 15.2 | 225 | 12.7 | 176 |

**Observation Table**

|  |  |  |
| --- | --- | --- |
| **S.no.** | **Load Current** | **Terminal Voltage** |
| **1** | 0 | 220 |
| **2** | 2.8 | 212 |
| **3** | 3.2 | 208 |
| **4** | 3.6 | 205 |
| **5** | 5.5 | 200 |
| **6** | 7 | 195 |
| **7** | 8.1 | 189 |
| **8** | 10.2 | 184 |
| **9** | 11 | 179 |
| **10** | 12.7 | 176 |