| Question | Consider the following statements about Temperature Inversion.  1. It is the increase in temperature with increasing height temporarily or locally.  2. Short winter nights, cloudy sky, cold air and the presence of winds lead to temperature inversion.  3. During a temperature inversion, the temperature may fall below freezing point in the valleys leading even to the occurrence of frost.  Which of the above statements are correct? |
| --- | --- |
| Type | multiple-choice |
| Option | (6, 35, 11) |
| Option | (2, 30, 8) |
| Option | (12, 84, 4) |
| Option | (4, 72, 9) |
| Answer | 4 |
| Solution | (3, 24, 4) → 3 × 4 × 2 = 24  similarly, option (d)  (4, 72, 9) → 4 × 9 × 2 = 72 |
| Positive Marks | 2 |
| Negative Marks | 0.5 |