

**Question 6. Which of the following statements are applicable to a balanced chemical equation of an elementary reaction?**

- (a) Order is same as molecularity**
- (b) Order is less than the molecularity**
- (c) Order is greater than the molecularity**
- (d) Molecularity can never be zero**

**Solution:** (a, d) For an elementary reaction, the order and molecularity are same. Molecularity of a reaction can never be zero.