

**Question 3**

Dipole-dipole forces act between the molecules possessing permanent dipole. Ends of dipoles possess 'partial charges'. The partial charge is

- (i) more than unit electronic charge
- (ii) equal to unit electronic charge
- (iii) less than unit electronic charge
- (iv) double the unit electronic charge

**Answer:**

(iii) less than unit electronic charge

Dipole-dipole forces act between the molecules possessing permanent dipole and ends of dipoles possess 'partial charges'. Partial charges present on ends of a dipole are always less than the unit electronic charge.

