
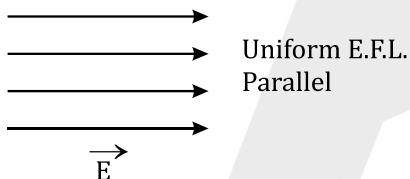


Link to View Video Solution:  [Click Here](#)

1. (i) Non-Uniform  
 (ii)  $|q| \propto \text{No of E.F.L.}$   

$$\frac{q_A}{q_B} = \frac{12}{8} = \frac{3}{2}$$
  
 (iii) E.F.L originate from  $q_A$  & terminate on  $q_B$  so  $q_A = +\text{ive}$  &  $q_B = -\text{ive}$   
 (iv) E at c is zero  
 so c is neutral point  
 (v) E.F.L terminate on - ive charge are infinite.

2. E.F.L originate from 1 & 3  
 & terminate on 2.  
 So 1 & 3 is + ive  
 & 2 is - ive.

3. 

4. Strength of Electric Field  $\propto$  density of E.F.L  
 $E_A > E_B$
5. Electric field lines Perpendicular to equipotential surface
6. E. F. L terminate on  $q_1$  &  $q_2$   
 So both are negative.
7. From Property of E.F.L.  
 Option - B
8. Option - D

