
Field maximum from a potential distribution. The electrostatic potential V in a region is a function of the rectangular coordinate x only, and $V(x)$ is shown in Fig. Q1.8. Consider the electric field intensities at points A, B, C, D, and E. The largest field intensity is at point

- (A) A.
- (B) B.
- (C) C.
- (D) D.
- (E) E.

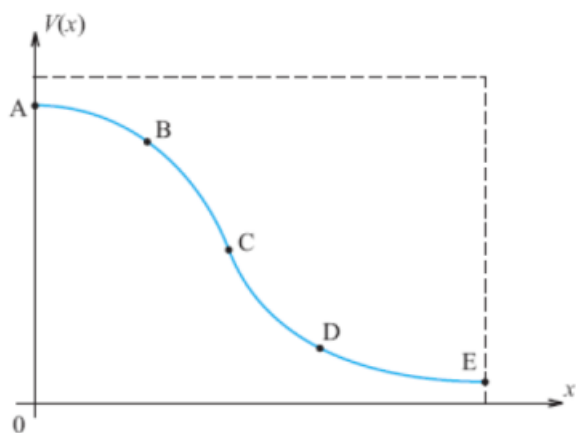


Figure Q1.8 One-dimensional potential distribution; for Question 1.10.

Solution: (C)

Answer: (C)