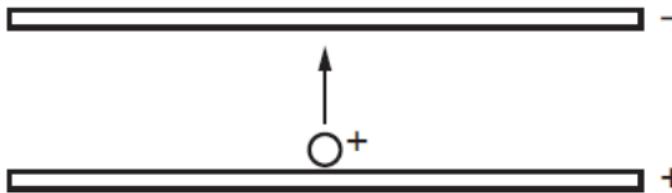
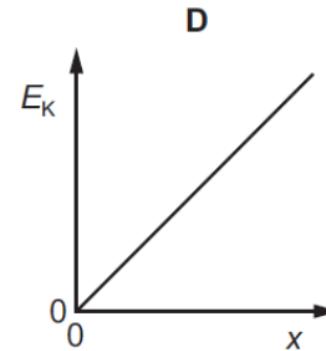
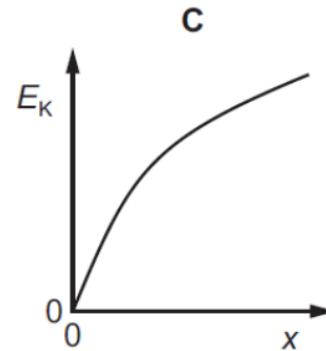
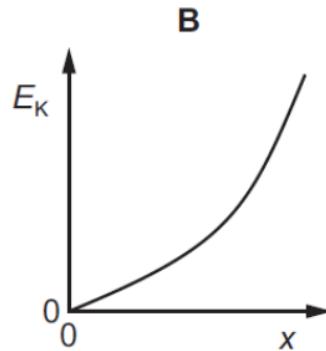
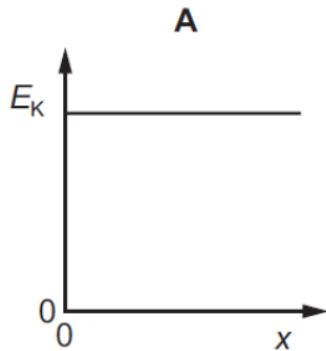


- 18 Two oppositely-charged horizontal metal plates are placed in a vacuum. A positively-charged particle starts from rest and moves from one plate to the other plate, as shown.



Which graph shows how the kinetic energy  $E_K$  of the particle varies with the distance  $x$  moved from the positive plate?



- 19 A resistor has resistance  $R$ . When the potential difference across the resistor is  $V$ , the current