

**20** Which of the following statements is correct?

- A** The electric potential at a point must be zero if the electric field strength at that point is zero.
- B** The electric potential at a point must be non-zero if the electric field strength at that point is non-zero.
- C** The electric potential energy of a charged particle must decrease when it moves in the direction of an electric field.
- D** The electric potential must decrease in the direction of an electric field.