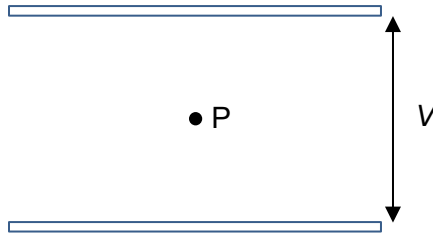


- 25** A small positively-charged particle P is balanced halfway between two fixed horizontal plates when a potential difference V is applied between the plates.



Which of the following statements is correct?

- A** The upper plate is at a higher potential compared to the lower plate.
- B** The direction of the electric field between the plates is vertically upwards and the electric field strength is stronger nearer the lower plate.
- C** Decreasing V decreases both the electric and the gravitational potential energy of the particle.
- D** Increasing V decreases the electric potential energy and increases the gravitational potential energy of the particle.

