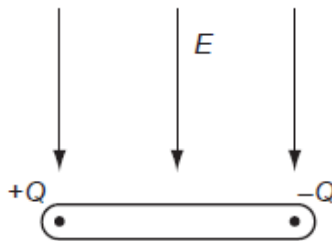


- 20** The diagram shows a light insulating rod with equal and opposite point charges at each end. An electric field of strength  $E$  acts on the rod in a downwards direction.



Which row is correct?

|          | resultant force | resultant torque |
|----------|-----------------|------------------|
| <b>A</b> | zero            | clockwise        |
| <b>B</b> | downwards       | clockwise        |
| <b>C</b> | zero            | anti-clockwise   |
| <b>D</b> | downwards       | anti-clockwise   |