

- 25 A charged particle moving in a magnetic field experiences a force that depends on the direction of motion of the particle relative to the field.

Which row states the effect of the force on the motion of the particle described?

	direction of motion of the particle relative to magnetic field	effect of force on the motion
A	parallel	both direction and speed change
B	perpendicular	both direction and speed change
C	parallel	only direction changes
D	perpendicular	only direction changes

- 26 Atom X is an isotope of element E