

7 Which of the following statements is true for a cyclotron?

- ☐ A A cyclotron can be used to accelerate neutrons.
- ☐ B A cyclotron uses a magnetic field to increase the speed of particles.
- ☐ C A cyclotron uses an alternating potential difference at a constant frequency.
- ☐ D A cyclotron uses an electric field to keep particles moving in a circular path.

(Total for Question 7 = 1 mark)