

- 6 When a potential difference is applied across the parallel metal plates, the electrons are deflected.

Which of the following changes would decrease the deflection of the electrons?

- ☐ A increasing the current in the metal filament
- ☐ B increasing the distance between the plates
- ☐ C increasing the length of the plates
- ☐ D increasing the potential difference across the plates

(Total for Question 6 = 1 mark)