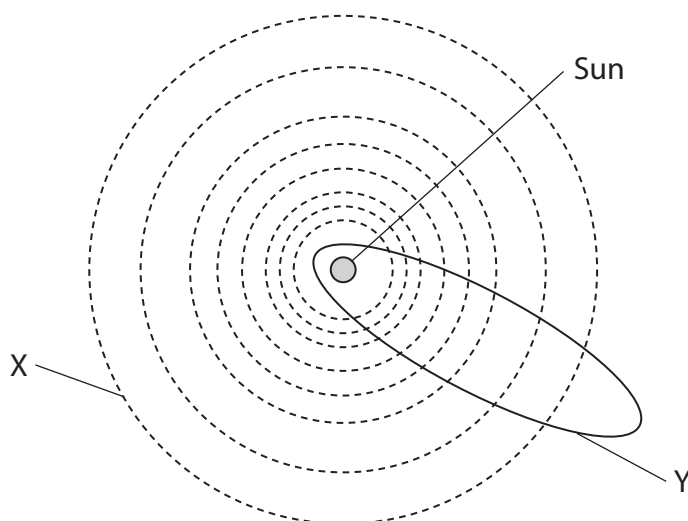


Answer ALL questions.

1 The diagram shows the orbits of some objects in the Solar System.



(a) (i) Path X is the orbit of a

(1)

- ☐ **A** comet
- ☐ **B** galaxy
- ☐ **C** planet
- ☐ **D** star

(ii) Path Y is the orbit of a

(1)

- ☐ **A** comet
- ☐ **B** galaxy
- ☐ **C** planet
- ☐ **D** star

(b) The objects are held in orbit by

(1)

- ☐ **A** electrostatic force
- ☐ **B** frictional force
- ☐ **C** gravitational force
- ☐ **D** magnetic force

(Total for Question 1 = 3 marks)

