

- 1** Jupiter is at a distance of 0.59 Tm away from the Earth. If a spacecraft is able to travel at an average speed of 5.6 km s^{-1} , how much time will it take to reach Jupiter from Earth?

A $1.1 \times 10^2 \text{ s}$ **B** $1.1 \times 10^5 \text{ s}$ **C** $1.1 \times 10^8 \text{ s}$ **D** $1.1 \times 10^{11} \text{ s}$