7 A small satellite of mass 245 kg is orbiting the Earth. The radius of the orbit is equal to twice the radius of the Earth.

The weight of the satellite in its orbit is about

⊠ **A** zero.

⊠ **B** 600 N.

⊠ **C** 1200 N.

⊠ **D** 2400 N.

(Total for Question 7 = 1 mark)