

- 16** To get to his office from the entrance of the building, a man has to walk up six flights of stairs. The height of each flight is 2.5 m and the man has a mass of 80 kg.

What is the approximate gain in the man's gravitational potential energy during the climb?

- A** 1200 J **B** 2000 J **C** 4800 J **D** 12 000 J