

- 17** A force of 1000 N is needed to lift the hook of a crane at a constant velocity. The crane is then used to lift a load of mass 1000 kg at a constant velocity of 0.50 m s^{-1} .

What is the power needed to lift the hook and the load?

- A** 4.9 kW **B** 5.4 kW **C** 20 kW **D** 22 kW

- 18** Data for a steel wire on an electric guitar are listed