

- 17** The pump of a water pumping system uses 2.0 kW of electrical power when raising water. The pumping system lifts 16 kg of water per second through a vertical height of 7.0 m .

What is the efficiency of the pumping system?

- A** 1.8% **B** 5.6% **C** 22% **D** 55%

- 18** A body travelling with a speed of 20 m s^{-1} has kinetic energy 5