

**33** The Atlantic torpedo is a large electric fish capable of generating a voltage of 220 V between its tail and its head. This drives a pulse of current of 15 A lasting for a time of 2.0 ms. The fish produces 200 pulses per second.

What is the average power output of the fish?

**A** 33 W

**B** 1.3 kW

**C** 3.3 kW

**D** 6.6 kW

**34** A thermistor and another component are connected to a constant voltage supply. A voltmeter is