

# Question 1

A current is the flow of:

**A** - protons

**C** - neutrons

**B** - electrons

**D** - atoms

## Question 2

A diode allows current to flow:

**A** - from the positive to the negative terminal

**B** - in both directions

**C** - in one direction only

**D** - from the negative to the positive terminal

## Question 3

Power is the rate of conversion of:

**A** - watts

**C** - energy

**B** - current

**D** - time

## Question 4

A kWh is an amount of:

A - power

C - time

B - voltage

D - energy

## Question 5

Our mains electricity is rated:

**A** - 240V, 50Hz

**C** - 240V, 10Hz

**B** - 50V, 240Hz

**D** - 240V, 90Hz

## Question 6

Appliances with high power ratings need flexes, whose wires have:

**A** - longer lengths

**B** - larger diameters

**C** - more turns

**D** - more colours

## Question 7

The fuse is connected with the:

**A** - live wire

**C** - neutral wire

**B** - earth wire

**D** - double  
insulation

## Question 8

Which of the following are both standard fuse ratings?

**A** - 3A and 4A

**C** - 4A and 5A

**B** - 5A and 6A

**D** - 3A and 5A



## Question 9

A double insulated appliance has no:

**A** - earth wire

**C** - neutral wire

**B** - live wire

**D** - fuse

## Question 10

A power ring circuit needs:

**A** - a small fuse rating

**B** - two wires

**C** - a thick cable

**D** - no fuse