

GCSE

Science: (Modular)
Double Award and Physics

Module 10

Copyright © 2007 AQA and its licensors. All rights reserved.

Electricity : Foundation Tier

Question No.	KEY
One	1 – earth connection 2 – cable grip 3 – neutral connection 4 – live connection
Two	1 – current 2 – charge 3 – energy 4 – heat
Three	1 – variable resistor 2 – thermistor 3 – LDR (light-dependent resistor) 4 – diode
Four	1 – the core of a cable 2 – the pins on a plug 3 – the covering on a cable 4 – the case of a plug
Five	1 – J 2 – M 3 – K 4 – L
Six	R T
Seven	negative ions move towards the positive electrode the negative electrode is connected to the negative side of the battery
Eight	8.1 – D, 8.2 – B, 8.3 – B, 8.4 – A
Nine	9.1 – A, 9.2 – C, 9.3 – A, 9.4 – D
Ten	10.1 – D, 10.2 – D, 10.3 – A, 10.4 – B

Electricity : Higher Tier

Question No.	KEY
One	1 – J 2 – M 3 – K 4 – L
Two	1 – the dynamo's small wheel turns 2 – this spins the magnet near the coil 3 – a voltage is induced across the coil 4 – this causes a current to flow
Three	negative ions move towards the positive electrode the negative electrode is connected to the negative side of the battery
Four	V Y
Five	5.1 – D, 5.2 – B, 5.3 – B, 5.4 – A
Six	6.1 – A, 6.2 – C, 6.3 – A, 6.4 – D
Seven	7.1 – D, 7.2 – D, 7.3 – A, 7.4 – B
Eight	8.1 – B, 8.2 – D, 8.3 – D, 8.4 – A
Nine	9.1 – C, 9.2 – C, 9.3 – A, 9.4 – C
Ten	10.1 – C, 10.2 – B, 10.3 – C, 10.4 – B