

GCSE

Science: (Modular)
Single Award

Module 17

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Energy and Electricity: Foundation Tier

Question No.	KEY
One	1 – DVD player is not earthed 2 – wrong fuse is used 3 – cable grip is loose 4 – case is broken
Two	1 – light 2 – movement 3 – heat 4 – sound
Three	1 – variable resistor 2 – LDR (light dependent resistor) 3 – voltmeter 4 – fuse
Four	1 – convection 2 – evaporation 3 – conduction 4 – radiation
Five	1 – 230 volts 2 – 50 hertz 3 – 920 watts 4 – 58 ohms
Six	J M
Seven	R T
Eight	8.1 – C, 8.2 – A, 8.3 – D, 8.4 – D
Nine	9.1 – D, 9.2 – D, 9.3 – B, 9.4 – A
Ten	10.1 – B, 10.2 – A, 10.3 – C, 10.4 – B

Energy and Electricity: Higher Tier

Question No.	KEY
One	1 – 230 volts 2 – 50 hertz 3 – 920 watts 4 – 58 ohms
Two	1 – electrons 2 – collisions 3 – ions 4 – waves
Three	R T
Four	L M
Five	5.1 – C, 5.2 – A, 5.3 – D, 5.4 – D
Six	6.1 – D, 6.2 – D, 6.3 – B, 6.4 – A
Seven	7.1 – B, 7.2 – A, 7.3 – C, 7.4 – B
Eight	8.1 – C, 8.2 – B, 8.3 – D, 8.4 – C
Nine	9.1 – D, 9.2 – C, 9.3 – C, 9.4 – B
Ten	10.1 – A, 10.2 – B, 10.3 – B, 10.4 – D