

GCSE

**Science (Modular)
Single Award**

Module 17

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Energy and Electricity: Foundation Tier

Question No.	KEY
One	1 – thermistor 2 – resistor 3 – variable resistor 4 – fuse
Two	1 – earth terminal 2 – live terminal 3 – fuse 4 – cable grip
Three	1 – LDR 2 – thermistor 3 – diode 4 – filament lamp
Four	1 – wire 2 – magnetic field 3 – potential difference (voltage) 4 – current
Five	1 – produces harmful waste gases 2 – may cover farmland and forest with water 3 – produces radioactive waste 4 – often on hills and can be unsightly
Six	R S
Seven	Q R
Eight	8.1 – A, 8.2 – C, 8.3 – B, 8.4 – D
Nine	9.1 – A, 9.2 – A, 9.3 – B, 9.4 – C
Ten	10.1 – A, 10.2 – C, 10.3 – D, 10.4 – C

Energy and Electricity: Higher Tier

Question No.	KEY
One	1 – produces harmful waste gases 2 – may cover farmland and forest with water 3 – produces radioactive waste 4 – often on hills and can be unsightly
Two	1 – increases 2 – decreases 3 – rises 4 – is unchanged
Three	Q R
Four	P S
Five	5.1 – A, 5.2 – C, 5.3 – B, 5.4 – D
Six	6.1 – A, 6.2 – A, 6.3 – B, 6.4 – C
Seven	7.1 – A, 7.2 – C, 7.3 – D, 7.4 – C
Eight	8.1 – A, 8.2 – B, 8.3 – A, 8.4 – D
Nine	9.1 – A, 9.2 – A, 9.3 – B, 9.4 – D
Ten	10.1 – C, 10.2 – A, 10.3 – B, 10.4 – C