

GCSE

Science: (Modular)
Single Award and Physics

Module 17

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Energy and Electricity : Foundation Tier

Question No.	KEY
One	1 – switch 2 – battery 3 – lamp 4 – resistor
Two	1 – light 2 – heat 3 – electrical 4 – sound
Three	1 – neutral 2 – brass 3 – fuse 4 – live
Four	1 – power stations 2 – the voltage is increased 3 – people’s homes 4 – the voltage is decreased
Five	1 – gravitational potential 2 – kinetic 3 – electrical 4 – heat
Six	the Sun wind
Seven	Arrangement J Arrangement M
Eight	8.1 – A, 8.2 – C, 8.3 – C, 8.4 – C
Nine	9.1 – D, 9.2 – A, 9.3 – A, 9.4 – A
Ten	10.1 – D, 10.2 – A, 10.3 – C, 10.4 – A

Energy and Electricity : Higher Tier

Question No.	KEY
One	1 – gravitational potential 2 – kinetic 3 – electrical 4 – heat
Two	1 – nuclear power station 2 – coal-fired power station 3 – oil-fired power station 4 – hydroelectric power station
Three	Arrangement J Arrangement M
Four	K N
Five	5.1 – A, 5.2 – C, 5.3 – C, 5.4 – C
Six	6.1 – D, 6.2 – A, 6.3 – A, 6.4 – A
Seven	7.1 – D, 7.2 – A, 7.3 – C, 7.4 – A
Eight	8.1 – C, 8.2 – D, 8.3 – B, 8.4 – C
Nine	9.1 – C, 9.2 – C, 9.3 – A, 9.4 – D
Ten	10.1 – A, 10.2 – B, 10.3 – A, 10.4 – B