

Mark scheme March 2005

GCSE

Science: (Modular) Double Award and Physics

Module 09

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Energy: Foundation Tier

Question No.	КЕҮ
One	1 – conduction
	2 – convection currents
	3 - loss of warm air
	4 – radiation
Two	1 – kinetic (movement) to electrical
1 00	
	2 – electrical to gravitational potential3 – light to electrical
	4 - electrical to heat
Three	1 – uranium
	2-coal
	3 – gas
	4 – wood
Four	1 – water
	2 – steam
	3 – turbine
	4 – generator
Five	1 – solar panel on a roof
	2 - fins at the back of a refrigerator
	3 – survival bag used by a mountain rescue team
	4 – back of an electric fire
C in	
Six	Q S
Seven	plutonium
	uranium
Eight	1 – A, 2 – D, 3 – D, 4 – D
Nine	1 – C, 2 – B, 3 – A, 4 – D
INITIE	1 - C, 2 - D, 3 - A, 4 - D
Ten	1 – B, 2 – A, 3 – C, 4 – A
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Energy: Higher Tier

Question No.	KEY
One	1 – solar panel on a roof
	 2 - fins at the back of a refrigerator 3 - survival bag used by a mountain rescue team 4 - back of an electric fire
Two	1 – particles
	2 – waves
	3 – ions
	4 – free electrons
701	1
Three	plutonium
	uranium
Four	nuclear waste disposal causes long-term environmental problems
1.000	the cost of decommissioning nuclear power plants is very high
	the cost of decommissioning indefeat power plants is very high
Five	1 – A, 2 – D, 3 – D, 4 – D
Six	1 – C, 2 – B, 3 – A, 4 – D
Seven	1 – B, 2 – A, 3 – C, 4 – A
Eight	1 - B, 2 - C, 3 - C, 4 - C
Nine	
Nine	1 – C, 2 – A, 3 – C, 4 – D
Ten	1 – B, 2 – C, 3 – C, 4 – D
1011	1-D, 2-C, 3-C, 4-D

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