

GCSE

Science: (Modular)
Double Award and Physics

Module 09

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Energy : Foundation Tier

| Question No. | KEY |
|--------------|---|
| One | 1 – carpets 2 – loft insulation 3 – cavity insulation 4 – double glazing |
| Two | 1 – electrical 2 – light 3 – movement 4 – heat |
| Three | 1 – coal 2 – uranium 3 – geothermal 4 – hydroelectric |
| Four | 1 – 3956 2 – 5156 3 – 1200 4 – 108 |
| Five | 1 – torch 2 – cordless drill 3 – loudspeaker 4 – microphone |
| Six | Y gives off less than X Z gives off less than X |
| Seven | L M |
| Eight | 8.1 – A, 8.2 – B, 8.3 – D, 8.4 – D |
| Nine | 9.1 – A, 9.2 – A, 9.3 – C, 9.4 – D |
| Ten | 10.1 – B, 10.2 – D, 10.3 – C, 10.4 – B |

Energy : Higher Tier

| Question No. | KEY |
|--------------|--|
| One | 1 – torch 2 – cordless drill 3 – loudspeaker 4 – microphone |
| Two | 1 – nuclear power station 2 – hydroelectric power station 3 – gas-fired power station 4 – set of wind turbines and generators |
| Three | L M |
| Four | collisions between particles the movement of free electrons |
| Five | 5.1 – A, 5.2 – B, 5.3 – D, 5.4 – D |
| Six | 6.1 – A, 6.2 – A, 6.3 – C, 6.4 – D |
| Seven | 7.1 – B, 7.2 – D, 7.3 – C, 7.4 – B |
| Eight | 8.1 – A, 8.2 – B, 8.3 – D, 8.4 – C |
| Nine | 9.1 – B, 9.2 – C, 9.3 – B, 9.4 – A |
| Ten | 10.1 – D, 10.2 – C, 10.3 – D, 10.4 – C |