

GCSE

Science: (Modular)
Double Award and Physics

Module 09

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Energy : Foundation Tier

| Question No. | KEY |
|--------------|---|
| One | 1 – light 2 – heat 3 – electrical 4 – sound |
| Two | 1 – cell 2 – toaster 3 – food mixer 4 – CD player |
| Three | 1 – conduction 2 – convection 3 – emission 4 – radiation |
| Four | 1 – it will cool down rapidly 2 – it will cool down slowly 3 – it will not change in temperature 4 – it will warm up |
| Five | 1 – gravitational potential 2 – kinetic 3 – electrical 4 – heat |
| Six | the Sun wind |
| Seven | they do not cause acid rain they do not produce greenhouse gases |
| Eight | 8.1 – D, 8.2 – C, 8.3 – C, 8.4 – D |
| 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 : 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 | they do not cause acid rain they do not produce greenhouse gases |
| Four | J L |
| Five | 5.1 – D, 5.2 – C, 5.3 – C, 5.4 – D |
| 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 – C, 10.2 – B, 10.3 – C, 10.4 – A |