

GCSE

Science: (Modular)
Double Award and Biology

Module 02

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Maintenance of Life : Foundation Tier

| Question No. | KEY |
|--------------|--|
| One | 1 – eye 2 – skin 3 – nose 4 – ear |
| Two | 1 – liver 2 – amino acids 3 – respiration 4 – lungs |
| Three | 1 – moisture 2 – force of gravity 3 – light 4 – hormones |
| Four | 1 – roots 2 – phloem tissue 3 – xylem tissue 4 – stomata |
| Five | 1 – holds the lens in position 2 – focuses the light 3 – controls the size of the pupil 4 – carries impulses to the brain |
| Six | hot and dry conditions hot and windy conditions |
| Seven | they contain cell sap they use chlorophyll to trap light |
| Eight | 8.1 – B, 8.2 – B, 8.3 – C, 8.4 – C |
| Nine | 9.1 – C, 9.2 – D, 9.3 – A, 9.4 – B |
| Ten | 10.1 – D, 10.2 – D, 10.3 – B, 10.4 – A |

Maintenance of Life : Higher Tier

| Question No. | KEY |
|--------------|--|
| One | 1 – holds the lens in position 2 – focuses the light 3 – controls the size of the pupil 4 – carries impulses to the brain |
| Two | 1 – pancreas 2 – insulin 3 – glycogen 4 – glucagon |
| Three | they contain cell sap they use chlorophyll to trap light |
| Four | it combines irreversibly with haemoglobin it stops red blood cells carrying oxygen |
| Five | 5.1 – B, 5.2 – B, 5.3 – C, 5.4 – C |
| Six | 6.1 – C, 6.2 – D, 6.3 – A, 6.4 – B |
| Seven | 7.1 – D, 7.2 – D, 7.3 – B, 7.4 – A |
| Eight | 8.1 – D, 8.2 – D, 8.3 – C, 8.4 – A |
| Nine | 9.1 – B, 9.2 – B, 9.3 – A, 9.4 – B |
| Ten | 10.1 – C, 10.2 – B, 10.3 – C, 10.4 – D |