

**GCSE**

Science: (Modular)  
Double Award and Biology

**Module 02**

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**Maintenance of Life: Foundation Tier**

Question No.	KEY
One	1 – tongue 2 – skin 3 – ear 4 – eye
Two	1 – root 2 – root hair 3 – phloem 4 – chloroplast
Three	1 – lungs 2 – liver 3 – kidney 4 – bladder
Four	1 – light 2 – gravity 3 – moisture 4 – hormones
Five	1 – carries impulses to the brain 2 – contains ciliary muscles 3 – focuses light on the retina 4 – controls the size of the pupil
Six	blood vessels lungs
Seven	the leaves transpired the leaves wilted
Eight	8.1 – C, 8.2 – C, 8.3 – C, 8.4 – B
Nine	9.1 – C, 9.2 – C, 9.3 – A, 9.4 – D
Ten	10.1 – A, 10.2 – B, 10.3 – C, 10.4 – D

**Maintenance of Life: Higher Tier**

Question No.	KEY
One	1 – carries impulses to the brain 2 – contains ciliary muscles 3 – focuses light on the retina 4 – controls the size of the pupil
Two	1 – starch 2 – water 3 – cellulose 4 – nitrate
Three	the leaves transpired the leaves wilted
Four	a reduction in blood flow in the blood vessels in the skin constriction of blood vessels supplying the skin capillaries
Five	5.1 – C, 5.2 – C, 5.3 – C, 5.4 – B
Six	6.1 – C, 6.2 – C, 6.3 – A, 6.4 – D
Seven	7.1 – A, 7.2 – B, 7.3 – C, 7.4 – D
Eight	8.1 – C, 8.2 – B, 8.3 – A, 8.4 – B
Nine	9.1 – B, 9.2 – D, 9.3 – D, 9.4 – A
Ten	10.1 – B, 10.2 – B, 10.3 – D, 10.4 – B