

GCSE

Science: (Modular)
Double Award and Biology

Module 02

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Maintenance of Life: Foundation Tier

Question No.	KEY
One	1 – skin 2 – ear 3 – eye 4 – tongue
Two	1 – lung 2 – kidney 3 – pancreas 4 – brain
Three	1 – blood 2 – liver 3 – motor neurone 4 – cytoplasm
Four	1 – controls the activities of the cell 2 – filled with cell sap 3 – cell membrane 4 – cell wall
Five	1 – contains light sensitive cells 2 – carries impulses to the brain 3 – suspensory ligament 4 – ciliary muscle
Six	carbon dioxide water
Seven	changes in the working of the nervous system damage to the liver
Eight	8.1 – C, 8.2 – C, 8.3 – B, 8.4 – A
Nine	9.1 – D, 9.2 – B, 9.3 – C, 9.4 – C
Ten	10.1 – B, 10.2 – A, 10.3 – B, 10.4 – C

Maintenance of Life: Higher Tier

Question No.	KEY
One	1 – contains light sensitive cells 2 – carries impulses to the brain 3 – suspensory ligament 4 – ciliary muscle
Two	1 – soil deficient in nitrate ions 2 – soil deficient in phosphate ions 3 – unequal distribution of hormones in the stem 4 – soil deficient in potassium ions
Three	changes in the working of the nervous system damage to the liver
Four	it enables plants to absorb ions from dilute solutions in the soil it needs energy from the process of respiration
Five	5.1 – C, 5.2 – C, 5.3 – B, 5.4 – A
Six	6.1 – D, 6.2 – B, 6.3 – C, 6.4 – C
Seven	7.1 – B, 7.2 – A, 7.3 – B, 7.4 – C
Eight	8.1 – D, 8.2 – C, 8.3 – C, 8.4 – A
Nine	9.1 – A, 9.2 – D, 9.3 – A 9.4 – D
Ten	10.1 – C, 10.2 – D, 10.3, – B, 10.4 – A