

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 – cuticle 2 – nucleus 3 – cytoplasm 4 – stoma
Three	1 – carbon dioxide 2 – ions 3 – urea 4 – faeces
Four	1 – phloem 2 – xylem 3 – shoot 4 – root
Five	1 – receptor 2 – neurone 3 – muscle 4 – response
Six	flattened shape internal air spaces
Seven	covering the cutting with a plastic bag decreases transpiration the hormones in the rooting powder stimulate the growth of new roots
Eight	8.1 – A, 8.2 – B, 8.3 – C, 8.4 – C
Nine	9.1 – D, 9.2 – C, 9.3 – C, 9.4 – D
Ten	10.1 – C, 10.2 – D, 10.3 – B, 10.4 – D

Maintenance of Life : Foundation Tier

Question No.	KEY
One	1 – receptor 2 – neurone 3 – muscle 4 – response
Two	1 – sugars 2 – lipids (fats and oils) 3 – cellulose 4 – amino acids
Three	covering the cutting with a plastic bag decreases transpiration the hormones in the rooting powder stimulate the growth of new roots
Four	glucose is converted to glycogen insulin is released from the pancreas
Five	5.1 – A, 5.2 – B, 5.3 – C, 5.4 – C
Six	6.1 – D, 6.2 – C, 6.3 – C, 6.4 – D
Seven	7.1 – C, 7.2 – D, 7.3 – B, 7.4 – D
Eight	8.1 – C, 8.2 – C, 8.3 – B, 8.4 – B
Nine	9.1 – D, 9.2 – C, 9.3 – A, 9.4 – B
Ten	10.1 – B, 10.2 – B, 10.3 – D, 10.4 – C