

GCSE

Science: (Modular)
Double Award and Biology

Module 02

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Maintenance of Life: Foundation Tier

Question No.	KEY
One	1 – ears 2 – skin 3 – eyes 4 – nose
Two	1 – produces sweat 2 – produces urine 3 – produces insulin 4 – receives impulses from the eye
Three	1 – root hair 2 – xylem 3 – cuticle 4 – phloem
Four	1 – stimulus 2 – brain 3 – muscles 4 – response
Five	1 – against the force of gravity 2 – towards light 3 – towards moisture 4 – in the direction of the force of gravity
Six	cell wall chloroplast
Seven	careful control of diet insulin injections
Eight	1 – D, 2 – A, 3 – C, 4 – D
Nine	1 – C, 2 – C, 3 – B, 4 – A
Ten	1 – C, 2 – B, 3 – A, 4 – B

Maintenance of Life: Higher Tier

Question No.	KEY
One	1 – against the force of gravity 2 – towards light 3 – towards moisture 4 – in the direction of the force of gravity
Two	1 – starch molecules 2 – cellulose molecules 3 – phosphate ions 4 – nitrate ions
Three	careful control of diet insulin injections
Four	as a weed killer by disrupting the growth patterns of weeds controlling fruit ripening during transport of fruits
Five	1 – D, 2 – A, 3 – C, 4 – D
Six	1 – C, 2 – C, 3 – B, 4 – A
Seven	1 – C, 2 – B, 3 – A, 4 – B
Eight	1 – B, 2 – C, 3 – B, 4 – A
Nine	1 – A, 2 – A, 3 – B, 4 – B
Ten	1 – A, 2 – D, 3 – D, 4 – C