

GCSE

Science: (Modular)
Double Award and Chemistry

Module 01

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Humans as Organisms : Foundation Tier

Question No.	KEY
One	1 – liver 2 – pancreas 3 – small intestine 4 – large intestine
Two	1 – moves the egg 2 – controls the passage of water into the cell 3 – nucleus 4 – where most chemical reactions occur
Three	1 – starch 2 – protein 3 – fat 4 – sugar
Four	1 – brings air into the lungs 2 – moves outwards when we breathe in 3 – becomes flatter when we breathe in 4 – where carbon dioxide leaves the blood
Five	1 – the small intestine 2 – platelets 3 – stomach wall 4 – blood plasma
Six	antitoxins from the white blood cells the skin
Seven	protein coat smaller than bacteria
Eight	8.1 – B, 8.2 – B, 8.3 – A, 8.4 – B
Nine	9.1 – A, 9.2 – B, 9.3 – B, 9.4 – B
Ten	10.1 – A, 10.2 – D, 10.3 – D, 10.4 – D

Humans as Organisms : Higher Tier

Question No.	KEY
One	1 – the small intestine 2 – platelets 3 – stomach wall 4 – blood plasma
Two	1 – lipase 2 – amylase 3 – bile 4 – hydrochloric acid
Three	protein coat smaller than bacteria
Four	a shortage of oxygen in the muscles when exercising less oxygen transported by the blood
Five	5.1 – B, 5.2 – B, 5.3 – A, 5.4 – B
Six	6.1 – A, 6.2 – B, 6.3 – B, 6.4 – B
Seven	7.1 – A, 7.2 – D, 7.3 – D, 7.4 – D
Eight	8.1 – D, 8.2 – C, 8.3 – A, 8.4 – A
Nine	9.1 – B, 9.2 – C, 9.3 – A, 9.4 – B
Ten	10.1 – D, 10.2 – B, 10.3 – C, 10.4 – B