

GCSE

Science: (Modular)
Double Award and Biology

Module 01

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Humans as Organisms : Foundation Tier

Question No.	KEY
One	1 – a blood vessel which takes blood out of the heart 2 – muscle in the wall of the heart 3 – a ventricle 4 – a valve
Two	1 – cell wall 2 – cell membrane 3 – cytoplasm 4 – nucleus
Three	1 – fats 2 – sugars 3 – faeces 4 – enzymes
Four	1 – skin 2 – acid 3 – white blood cell 4 – mucus
Five	1 – allows air to pass into the lungs 2 – protects the lungs 3 – flattens when we breathe in 4 – where oxygen enters the blood
Six	their walls contain elastic fibres their walls contain muscular tissue
Seven	acid from the stomach would not be neutralised bile could not reach the intestine
Eight	8.1 – C, 8.2 – B, 8.3 – B, 8.4 – A
Nine	9.1 – C, 9.2 – D, 9.3 – C, 9.4 – B
Ten	10.1 – C, 10.2 – B, 10.3 – A, 10.4 – B

Humans as Organisms : Higher Tier

Question No.	KEY
One	1 – allows air to pass into the lungs 2 – protects the lungs 3 – flattens when we breathe in 4 – where oxygen enters the blood
Two	1 – nucleus 2 – haemoglobin 3 – oxyhaemoglobin 4 – oxygen
Three	acid from the stomach would not be neutralised bile could not reach the intestine
Four	large intestine small intestine
Five	5.1 – C, 5.2 – B, 5.3 – B, 5.4 – A
Six	6.1 – C, 6.2 – D, 6.3 – C, 6.4 – B
Seven	7.1 – C, 7.2 – B, 7.3 – A, 7.4 – B
Eight	8.1 – B, 8.2 – C, 8.3 – A, 8.4 – B
Nine	9.1 – A, 9.2 – D, 9.3 – C, 9.4 – C
Ten	10.1 – B, 10.2 – B, 10.3 – C, 10.4 – A