

**GCSE**

Science: (Modular)  
Double Award and Biology

**Module 01**

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**Humans as Organisms: Foundation Tier**

Question No.	KEY
One	1 – protects the lungs 2 – pumps blood around the body 3 – separates the thorax from the abdomen 4 – where oxygen enters the blood
Two	1 – platelet 2 – white blood cell 3 – red blood cell 4 – plasma
Three	1 – artery 2 – valve 3 – atrium 4 – vein
Four	1 – anaerobic respiration 2 – emulsification 3 – diffusion 4 – ventilation
Five	1 – moves the mucus 2 – cell membrane 3 – cytoplasm 4 – controls the activities of the cell
Six	amylase lipase
Seven	protein coat smaller than bacteria
Eight	8.1 – B, 8.2 – B, 8.3 – C, 8.4 – C
Nine	9.1 – B, 9.2 – D, 9.3 – A, 9.4 – A
Ten	10.1 – D, 10.2 – A, 10.3 – C, 10.4 – D

**Humans as Organisms: Higher Tier**

Question No.	KEY
One	1 – moves the mucus 2 – cell membrane 3 – cytoplasm 4 – controls the activities of the cell
Two	1 – where gases enter and leave the air 2 – blood with a high oxygen content 3 – contains a red pigment 4 – blood with a high carbon dioxide content
Three	protein coat smaller than bacteria
Four	aorta left ventricle
Five	5.1 – B, 5.2 – B, 5.3 – C, 5.4 – C
Six	6.1 – B, 6.2 – D, 6.3 – A, 6.4 – A
Seven	7.1 – D, 7.2 – A, 7.3 – C, 7.4 – D
Eight	8.1 – C, 8.2 – C, 8.3 – D, 8.4 – D
Nine	9.1 – A, 9.2 – C, 9.3 – C, 9.4 – D
Ten	10.1 – B, 10.2 – A, 10.3 – B, 10.4 – B