

ALLIANCE

Mark scheme March 2004



Science (Modular) Double Award and Biology

Module 01

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Humans as Organisms: Foundation Tier

| Question No. | КЕҮ |
|-----------------|--|
| One | 1 – nucleus 2 – cell membrane 3 – cell wall 4 – cytoplasm |
| Two | 1 – windpipe 2 – diaphragm 3 – ribcage 4 – alveoli |
| Three | 1 – white blood cell 2 – plasma 3 – red blood cell 4 – platelet |
| Four | 1 – acid 2 – blood clot 3 – the skin 4 – sticky mucus |
| Five | 1 – lipase 2 – protease 3 – amylase 4 – bile |
| Six | protein coat reproduce only in living cells |
| Seven | sugar urea |
| Eight | 8.1 – D, 8.2 – C, 8.3 – D, 8.4 – D |
| Nine | 9.1 – A, 9.2 – A, 9.3 – C, 9.4 – B |
| Ten | 10.1 – C, 10.2 – C, 10.3 – B, 10.4 – C |

Humans as Organisms: Higher Tier

| Question No. | КЕҮ |
|-----------------|--|
| One | 1 – lipase |
| | 2 – protease |
| | 3 – amylase 4 – bile |
| | 4 - 0110 |
| Two | 1 – pigment |
| 1 00 | 2 - nucleus |
| | 3 – lungs |
| | 4 – muscle |
| | |
| Three | sugar |
| | urea |
| Г | 11 1 |
| Four | cell membrane mitochondria |
| | |
| Five | 5.1 – D, 5.2 – C, 5.3 – D, 5.4 – D |
| | |
| Six | 6.1 – A, 6.2 – A, 6.3 – C, 6.4 – B |
| | |
| Seven | 7.1 – C, 7.2 – C, 7.3 – B, 7.4 – C |
| | |
| Eight | 8.1 - C, 8.2 - C, 8.3 - D, 8.4 - D |
| | |
| Nine | 9.1 - D, 9.2 - D, 9.3 - C, 9.4 - A |
| Tan | |
| Ten | 10.1 – A, 10.2 – A, 10.3 – A, 10.4 – D |