

Mark scheme November 2003

GCSE

Science (Modular) Single Award

Module 13

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Life and Living Processes: Foundation Tier

| Question | Key |
|----------|--|
| One | 1 – nucleus |
| | 2 – cytoplasm |
| | 3 – cell membrane |
| | 4 – protein coat |
| Т | 1 1 |
| Two | 1 – lung 2 – skin |
| | 3 – kidney |
| | 4 – bladder |
| | T Didded |
| Three | 1 – toxin |
| | 2 – nucleus |
| | 3 – cell wall |
| | 4 – living cell |
| | |
| Four | 1 – plasma |
| | 2 – red blood cell |
| | 3 – platelet 4 – white blood cell |
| | 4 - Willie blood cell |
| Five | 1 – low birth mass of babies |
| | 2 – slowing down reactions |
| | 3 – suffering withdrawal symptoms |
| | 4 – lung and liver damage |
| | |
| Six | ear |
| | eye |
| Seven | kaaning aaakad faad aayarad |
| Seven | keeping cooked food covered wrapping soiled nappies securely before placing in a dustbin |
| | wrapping solice happies seemely before placing in a dustom |
| Eight | 8.1 – B, 8.2 – C, 8.3 – A, 8.4 – C |
| 8 | ,, |
| Nine | 9.1 – A, 9.2 – C, 9.3 – D, 9.4 – A |
| | |
| Ten | 10.1 – A, 10.2 – C, 10.3 – A, 10.4 – D |



Life and Living Processes: Higher Tier

| Question | Key |
|-------------------------|---|
| One | 1 – low birth mass of babies |
| | 2 – slowing down reactions |
| | 3 – suffering withdrawal symptoms |
| | 4 – lung and liver damage |
| | |
| Two | 1 – focus |
| | 2 – relax |
| | 3 – tighten |
| | 4 – change shape |
| | |
| Three | keeping cooked food covered |
| | wrapping soiled napies securely before placing in a dustbin |
| P | |
| Four | they are present in the cytoplasm |
| | they release energy in respiration |
| Eirra | 51 D 52 C 52 A 54 C |
| Five | 5.1 – B, 5.2 – C, 5.3 – A, 5.4 – C |
| Six | 6.1 – A, 6.2 – C, 6.3 – D, 6.4 – A |
| SIX | 0.1 - A, 0.2 - C, 0.3 - D, 0.4 - A |
| Savan | 71 A 72 C 73 A 74 D |
| SCVCII | 7.1 - A, 7.2 - C, 7.3 - A, 7.4 - D |
| Fight | 81_A 82_D 83_C 84_D |
| Ligit | 0.1 11, 0.2 D, 0.3 C, 0.7 D |
| Nine | 91-D 92-A 93-A 94-B |
| 1 (111) | 7.1 D, 7.2 11, 7.7 D |
| Ten | 10.1 – A. 10.2 – C. 10.3. – B. 10.4 – C |
| Seven Eight Nine Ten | 7.1 – A, 7.2 – C, 7.3 – A, 7.4 – D 8.1 – A, 8.2 – D, 8.3 – C, 8.4 – D 9.1 – D, 9.2 – A, 9.3 – A, 9.4 – B 10.1 – A, 10.2 – C, 10.3, – B, 10.4 – C |