



General Certificate of Secondary Education

Science Single Award Modular 3469

Module 13: Life & Living Processes

Module Test Answer Keys

November 2006 examination series

Mark schemes are prepared by the Principal Examiner and considered, together with the relevant questions, by a panel of subject teachers. This mark scheme includes any amendments made at the standardisation meeting attended by all examiners and is the scheme which was used by them in this examination. The standardisation meeting ensures that the mark scheme covers the candidates' responses to questions and that every examiner understands and applies it in the same correct way. As preparation for the standardisation meeting each examiner analyses a number of candidates' scripts: alternative answers not already covered by the mark scheme are discussed at the meeting and legislated for. If, after this meeting, examiners encounter unusual answers which have not been discussed at the meeting they are required to refer these to the Principal Examiner.

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Life & Living Processes : Foundation Tier

Question No.	KEY
One	1 – cytoplasm 2 – protein coat 3 – cell wall 4 – nucleus
Two	1 – K 2 – L 3 – M 4 – J
Three	1 – ions 2 – carbon dioxide 3 – urea 4 – urine
Four	1 – M 2 – J 3 – K 4 – L
Five	1 – bile 2 – lipase 3 – protease 4 – amylase
Six	S T
Seven	keeping cooked food covered wrapping dirty nappies in plastic bags
Eight	8.1 – A, 8.2 – C, 8.3 – C, 8.4 – B
Nine	9.1 – C, 9.2 – B, 9.3 – D, 9.4 – B
Ten	10.1 – A, 10.2 – A, 10.3 – B, 10.4 – B

Life & Living Processes : Higher Tier

Question No.	KEY
One	1 – bile 2 – lipase 3 – protease 4 – amylase
Two	1 – nucleus 2 – haemoglobin 3 – oxygen 4 – oxyhaemoglobin
Three	keeping cooked food covered wrapping dirty nappies in plastic bags
Four	they are present in the cytoplasm they release energy in respiration
Five	5.1 – A, 5.2 – C, 5.3 – C, 5.4 – B
Six	6.1 – C, 6.2 – B, 6.3 – D, 6.4 – B
Seven	7.1 – A, 7.2 – A, 7.3 – B, 7.4 – B
Eight	8.1 – C, 8.2 – A, 8.3 – D, 8.4 – A
Nine	9.1 – A, 9.2 – A, 9.3 – A, 9.4 – D
Ten	10.1 – C, 10.2 – C, 10.3, – A, 10.4 – A