



ASSESSMENT and  
QUALIFICATIONS  
ALLIANCE

---

Mark scheme  
November 2003

**GCSE**

**Science (Modular)  
Single Award**

**Module 13**

Copyright © 2003 AQA and its licensors. All rights reserved.

**Life and Living Processes: Foundation Tier**

Question	Key
One	1 – nucleus 2 – cytoplasm 3 – cell membrane 4 – protein coat
Two	1 – lung 2 – skin 3 – kidney 4 – bladder
Three	1 – toxin 2 – nucleus 3 – cell wall 4 – living cell
Four	1 – plasma 2 – red blood cell 3 – platelet 4 – white 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	keeping cooked food covered wrapping soiled nappies securely before placing in a dustbin
Eight	8.1 – B, 8.2 – C, 8.3 – A, 8.4 – C
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 nappies securely before placing in a dustbin
Four	they are present in the cytoplasm they release energy in respiration
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
Seven	7.1 – A, 7.2 – C, 7.3 – A, 7.4 – D
Eight	8.1 – A, 8.2 – D, 8.3 – C, 8.4 – D
Nine	9.1 – D, 9.2 – A, 9.3 – A, 9.4 – B
Ten	10.1 – A, 10.2 – C, 10.3, – B, 10.4 – C