



ASSESSMENT and
QUALIFICATIONS
ALLIANCE

Mark scheme
June 2003

GCSE

Science (Modular)
Single Award

Module 13

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

The Assessment and Qualifications Alliance (AQA) is a company limited by guarantee registered in England and Wales 3644723 and a registered charity number 1073334
Registered address: Addleshaw Booth & Co., Sovereign House, PO Box 8, Sovereign Street, Leeds LS1 1HQ
Kathleen Tattersall: *Director General*

Life and Living Processes: Foundation Tier

Question	Key
One	1 – eye 2 – skin 3 – ear 4 – nose
Two	1 – lung 2 – liver 3 – kidney 4 – bladder
Three	1 – produces sweat 2 – removes excess ions from the blood 3 – may develop emphysema 4 – coordinates the body's responses
Four	1 – tobacco 2 – alcohol 3 – nicotine 4 – carbon monoxide
Five	1 – lipase 2 – protease 3 – bile 4 – hydrochloric acid
Six	have no nucleus help blood to clot
Seven	antibodies antitoxins
Eight	8.1 – D, 8.2 – B, 8.3 – D, 8.4 – A
Nine	9.1 – A, 9.2 – D, 9.3 – D, 9.4 – A
Ten	10.1 – C, 10.2 – B, 10.3 – B, 10.4 – A

Life and Living Processes: Higher Tier

Question	Key
One	1 – lipase 2 – protease 3 – bile 4 – hydrochloric acid
Two	1 – a solvent 2 – carbon monoxide 3 – nicotine 4 – alcohol
Three	antibodies antitoxins
Four	they are found in the cytoplasm they release energy during respiration
Five	5.1 – D, 5.2 – B, 5.3 – D, 5.4 – A
Six	6.1 – A, 6.2 – D, 6.3 – D, 6.4 – A
Seven	7.1 – C, 7.2 – B, 7.3 – B, 7.4 – A
Eight	8.1 – C, 8.2 – D, 8.3 – D, 8.4 – A
Nine	9.1 – B, 9.2 – D, 9.3 – C, 9.4 – D
Ten	10.1 – B, 10.2 – D, 10.3 – B, 10.4 – D