



GCSE

Science A (4461)

Specification A

BLY1AP, BL1ASF & BL1ASH

Mark Scheme

2008 Examination – June Series

This component is an objective test for which the following list indicates the correct answers used in marking the candidates' responses.

Further copies of this Mark Scheme are available to download from the AQA Website: www.aqa.org.uk

Copyright © 2008 AQA and its licensors. All rights reserved.

COPYRIGHT

AQA retains the copyright on all its publications. However, registered centres for AQA are permitted to copy material from this booklet for their own internal use, with the following important exception: AQA cannot give permission to centres to photocopy any material that is acknowledged to a third party even for internal use within the centre.

Set and published by the Assessment and Qualifications Alliance.

GCSE
SCIENCE A (4461)/BIOLOGY (4411)
Objective Test Answer Key
BLY1AP (Human Biology)
Foundation Tier

Question	Key			
One	A	egg		1
	B	embryo		3
	C	fertilised egg		4
	D	sperm		2
Two	A	skin		3
	B	liver		4
	C	kidney		1
	D	gland		2
Three	A	alcohol		1
	B	cannabis		3
	C	carbon monoxide		2
	D	nicotine		4
Four	A	blinking		2
	B	cells in the eye		4
	C	insect		3
	D	muscle in the eye lid		1
Five	A	540 cm ³		3
	B	1460 cm ³		4
	C	1500 cm ³		1
	D	2700 cm ³		2
Six	A	antibiotics		2
	B	painkillers		4
	C	antibodies		3
	D	vaccines		1
	A	B	C	D
Seven	2	3	4	1
Eight	2	2	2	2
Nine	3	1	3	1

GCSE
SCIENCE A (4461)/BIOLOGY (4411)
 Objective Test Answer Key
BLY1AP (Human Biology)
 Higher Tier

Question	Key			
One	A	antibiotics		2
	B	painkillers		4
	C	antibodies		3
	D	vaccines		1
Two	A	an impulse reaches the effector in the leg		4
	B	an impulse passes along a relay neurone		2
	C	an impulse passes along a sensory neurone to the central nervous system		1
	D	an impulse passes along a motor neurone		3
	A	B	C	D
Three	2	2	2	2
Four	3	1	3	1
Five	3	2	3	3
Six	1	1	3	3
Seven	1	1	1	4
Eight	4	3	3	4
Nine	4	4	2	4