

## GCSE

# Science A (4461) / Biology (4411)

Specification A

## **BLY1AP, BL1ASF & BL1ASH**

# Mark Scheme

2011 Examination – March Series

The blank answer sheet for this component can be found at the end of this document.

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

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#### GCSE SCIENCE A (4461) / BIOLOGY (4411) Objective Test Appwor Kov

### Objective Test Answer Key

#### BLY1AP (Human Biology)

#### March 2011

Foundation Tier

Question				Ke	<del>у</del> у					
	Α	cocaine		3						
One	в	nicotine		2						
	С	statin		4						
	D	thalidomide		1						
	Α	an effector		4						
	В	a receptor		2						
Two	c	a response		2						
	D	a stimulus		1						
				•						
	Α	2 units		1						
Three	В	5 units		2						
Thee	С	6 units		4						
	D	14 units		3						
	Α	doctors		1						
_	в	pregnant wo	men	3						
Four	с	politicians		4						
	D	volunteers		2						
	-									
	A	liver		4						
Five	В	pituitary glan	d	1						
	С	kidney		3						
	D skin			2						
		Α	В		С	D				
Six	4		4		4	4				
Seven	2		1		3	3				
Eight		1	3		3	4				
Nine		4	2		1	4				

#### GCSE

#### SCIENCE A (4461) / BIOLOGY (4411)

Objective Test Answer Key

#### **BLY1AP (Human Biology)**

#### March 2011

#### Higher Tier

Question	Кеу											
0	Α	liver	4									
	в	pituitary glan	d <b>1</b>	1								
One	С	kidney	3	3								
	D	skin	2	2								
	Α	result A	4									
Two	В	result <b>B</b>	2	2								
1 000	С	result C	1	1								
	D	result D	3	3								
				-								
	Α		В	С	D							
Three		1	3	3	4							
Four		4	2	1	4							
Five		4	3	3	2							
Six		2	3	2	1							
Seven		4	4	4	2							
Eight		2	4	2	3							
Nine		1	3	3	2							

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	Instructions	on how				sheet are give								w them	carefully	
			Que	estions ON	E to N	INE Choose	e one r	esponse	1 - 4 fo	or each of th	ne par	ts A	- D			
						QUEST	ION	ONE		1	2	3	4			
	1A	liver								0		0	0			
	1B		ary gla	and						0	0	0	0			
	1C 1D	kidne	У							0		0	0			
		skin								0	0	0		•		
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B	0 0	0	0	-	4B	0	6	0	0		5B		0	0	0	0
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_	0 0	0	0		7B	0	0	0	0		8B		0	0	0	0
	0 0	0	0		7C	0	0	0	0		8C		0	0	0	0
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						QUEST	ION	NINE								
						1	2	3	4							
					9A	0	0	0	0							
					9B 9C	0	0	0	0							
					9D	0	0	0	0							



### **FOUNDATION TIER**

#### Instructions on how to complete this answer sheet are given on the question paper. Please make sure you follow them carefully.

Questions ONE to NINE Choose one response 1 - 4 for each of the parts A - D

			Qu	estions	UNE IU		Choose o			- 4 10		the p	ans	A - I	,			
		4.0	cocaine	2		(	QUEST	ION	ONE			1						
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6C	0	0	0	0		7C	0	0	0	0			8C		0	0	0	(
6D	0	0	0	0		7D	0	0	0	0			8D		0	0	0	(
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