

### **GCSE**

# Science A (4461) / Biology (4411)

Specification A

**BLY1AP, BL1ASF & BL1ASH** 

# **Mark Scheme**

2010 Examination - November 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 Answer Key

# BLY1A (Human Biology) November 2010

**Foundation Tier** 

Question			ŀ	<b>C</b> ey	
	Α	arthritis		1	
One	В	diabetes		2	
Offe	С	high blood p	ressure	4	
	D	irregular per	iods	3	
	Α	painkiller		4	
	В	panikiller		4	
Two	С	thalidomide		3	
	D	vaccine		2	
	U	vaccine			
	Α	alcohol		2	
Three	В	cocaine		4	
Tillee	С	caffeine		1	
	D	cannabis		3	
	Δ	5		2	
				3	
Four				1	
				4	
	Three A alcohol B cocaine C caffeine D cannabis  A 5 B 11 C 15 D 28  A a hypothes B a control C an observa D a conclusion			-	
	Α	a hypothesis	<b>;</b>	4	
Five	В	a control		1	
	С	an observati	on	3	
	D	a conclusion		2	
		Δ	В	С	D
Six		4	3	4	1
Seven		4	2	3	3
Eight		3	2	4	1
Nine		3	2	4	2

#### GCSE

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

Objective Test Answer Key

## BLY1A (Human Biology) November 2010

Higher Tier

Question				Key	
	Α	a hypothes	sis	4	
One	В	a control		1	
One	С	an observa	ation	3	
Three Four Five Six Seven Eight	D	a conclusion	on	2	
	Α	carbon mo	noxide	3	
Two	One	carcinoger	1	2	
I WO		nicotine		1	
	D	oxygen		4	
		Α	В	С	D
Three		3	2	4	1
Four		3	2	4	2
Five		3	2	3	4
Six		2	4	1	2
Seven		3	2	2	2
Eight		3	4	3	1
Nine		3	3	3	1



Unit: BLY1AP BIOLOGY UNIT 1A

Centre:

**Candidate Number:** 

UCI:

Series: BG10

**Candidate Name:** 

For completion by the Examination Invigilator. Please fill this circle if the candidate is absent: O

#### HIGHER 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

		QUESTION ONE	1	2	3	4	-
1A	a hypothesis		0	0	О	0	•
1B	a control		0	0	0	0	•
1C	an observation		0	0	0	0	
1D	a conclusion		0	0	0	0	
		QUESTION TWO	1	2	3	4	)
2A	carbon monoxide		0	0	0	0	•
2B	carcinogen		0	0	0	0	
2C	nicotine		0	0	0	0	
2D	oxygen	Estates	0	0	0	0	<b>] -</b>

	QUE	STIO	NTH	IREE	
		1	2	3	4
3A		0	0	0	0
3B		0	0	0	
3C		0	0	0	0
3D		0	0	0	0

	QUES	TION	SIX	
	1	2	3	4
6A	0	0	0	0
6B	0	0	0	0
6C	0	0	0	
6D	0	0	0	0

	QUEST	ON F	OUR	?
	1	2	3	4
4A	0	0	0	0
4B	0	0	0	0
4C	0	0	0	0
4D	0	0	0	0

1 2 3 4 7A 0 0 0 0 7B 0 0 0 0 7C 0 0 0		QUE	STIC	)NS	EVEN	
7B			1	2	3	4
7C	7A		0	0	0	0
76 0 0 0	7B		0	0	0	0
l-n 0 0 0	7C		0	0	0	0
(D)	7D		0	0	0	0

	QUES	TION	NINE	
	1	2	3	4
9A	0	0	0	0
9B	0	0	0	
9C	0	0	0	0
9D	0	0	0	

	QUEST	ION	FIVE	
	1	2	3	4
5A	0	0	0	0
5B	0	0	0	0
5C	0	0	0	0
5D	0	0		0

	QUEST	TION	EIGH	T
	1	2	3	4
8A	0	0	0	đ
8B	0	0	0	0
8C	0	0	0	0
8D	0	0	0	

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#### **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

		QUESTION ONE	1	2	3	4
1A	arthritis		0	0	0	0
1B	diabetes		0	0	0	0
1C	high blood pressure		0	0	0	0
1D	irregular periods		0	0	0	0
	painkiller	QUESTION TWO	1	2	3	4
			0	0	0	0
2B	penicillin	." )	0	0	0	0
2C	thalidomide		0	0	0	0
2D	vaccine	American	0	0	0	0
	alcohol	QUESTION THREE	1 %=>=n=Mu=M=	2	3	4
3A	cocaine		0	0	0	0
3B			0	0	0	0
3C	caffeine		0	0	0	0
3D	cannabis		0	0	0	0
		QUESTION FOUR	1	2	3	4
4A			0	0	0	0
	11		0	0	0	0
4C	15		0	0	0	0
4D	28	.81	0	0	0	0
	o by notherin	QUESTION FIVE	1	2	3	4
	a hypothesis		0	0	0	0
5B	a control		0	0	0	0
5C	an observation		0	0	0	0
5D	a conclusion		0	0	0	0

	QUES	TION	SIX	
	1	2	3	4
6A	0	0	0	0
6B	0.	O	0	0
6C	0.	0	0	0
6D	0	0.	0	0

(	QUESTION SEVEN				
	1	2	3	4	
7A	0.,	. 0	0	0	
7B	0	0	0	0	
7C	0	0	0	0	
7D	0	0	0	0	

	QUESTI	EIGH	HT	
	1	2	3	4
A8	0	0	Ó	0
8B	0 %	0	0	0
8C	o i	0.	0	0
8D	0	0	0	0

	QUESTION NINE			_
Language Control	1 Vocanisti biote	2	3	4
9A	0	0	0	0
9B	0	0	0	0
9C	0	0	0	0
9D	0	0	0	0

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