

## **GCSE**

# **Science A (4461)**

Specification A

**BLY1AP, BL1ASF & BL1ASH** 

# **Mark Scheme**

2009 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

## **BLY1AP** (Human Biology)

### November 2009

Foundation Tier

Question			К	ey	
	A	dust	1		
One	В	muscles	4		
	C	nose	2		
	D	sneeze	3		
	A	100	1		
	B	400	4		
Two	С	900	3		
	D	2400	2		
	D	2400	<u> </u>		
	A	antibody	2		
Three	В	medicine	1		
Three	C	pathogen	3		
	<b>D</b> toxin		4		
	A	1 72	4		
	B		1		
Four	C	1.72 1.90 9.00	3		
	D	90.00	2		
			_		
	A	alcohol	2		
Five	В	carbon monox	ide 1		
1110	C	carcinogen	3		
	D	thalidomide	4		
		A	В	С	D
Six		4	2	2	4
Seven		2	2	1	4
Eight		3	1	2	2
Nine		1	2	3	1

#### **GCSE**

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

Objective Test Answer Key

## **BLY1AP** (Human Biology)

### November 2009

Higher Tier

Question				Key	
	A	alcohol	2		
One	В	carbon monoxi	de 1		
One	C	carcinogen	3		
	D	thalidomide	4		
	A	antibodies	2		
Two	В	antitoxins	3		
1 WO	C	pathogens	1		
	D	vaccines	4		
		A	В	C	D
Three		3	1	2	2
Four		1	2	3	1
Five		4	4	2	1
Six		1	2	3	3
Seven		3	4	3	2
Eight		3	3	2	3
Nine		4	1	2	2



Unit: BLY1AP BIOLOGY UNIT 1A

Centre:

**Candidate Number:** 

UCI:

Series: BG09

19-NOV-09

**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	alcohol		0	0	0	0	
1B	carbon monoxide		0	0	0	0	
1C	carcinogen		0	0	0	0	-
1D	thalidomide		 0	0	0	0	
	b	QUESTION TWO	 1	2	3	4	)
2A	antibodies		0	0	0	0	
2B	antitoxins		0	0	0	0	
2C	pathogens		0	0	0	0	
2D	vaccines		0	0	0	0	

QL	JESTI	ON T	HREI	Ε
	1	2	3	4
3A	0	0	0	0
3B	0	0	$\circ$	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	0
6D	0	0	0	0)

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

QL	JESTI	ON S	EVE	N
	1	2	3	4
7A	0	0	0	0
7B	0	0	0	0
7C	0	0	0	0
7D	0	0	0	0

	QUES	TION	NINE	
	1	2	3	4
9A	0	0	0	0
9B	0	0	0	0
9C	0	0	0	0
9D	$\circ$	0	0	0 )

	QUEST			
	1	2	3	4
5A	0	0	0	0
5B	0	0	0	0
5C	0	0	0	0
5D	0	0	0	0 )

	QUEST	ION	EIGH1	
	1	2	3	4
8A	0	0	0	0
8B	0	0	0	0
8C	0	0	0	0
8D	0	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
IA	dust		0	0	0	0
В	muscles		0	0	0	0
IC	nose		0	0	0	0
ID	sneeze	Ę.	0	0	0	0
		QUESTION TWO	1	2	3	4
2A	100		0	0	0	0
B	400		0	0	0	0
C	900		0	0	0	0
2D	2400		0	0	0	0
***********		QUESTION THREE	1	2	3	4
Α	antibody		0	0		0
В	medicine		0	$\bigcirc$	0	0
C	pathogen		0	0	0	$\circ$
BD	toxin		0	0	0	0
		QUESTION FOUR	1	2	3	4
	1.72		0	$\circ$	0	0
ŧΒ	1.90		0	0	0	0
1C	9.00		0	0	0	0
4D	90.00		0	0	0	0
		QUESTION FIVE	1	2	3	4
Α	alcohol		0	0	0	0
В	carbon monoxide		0	0	0	0
C	carcinogen		0	0	0	0
D	thalidomide		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	0
6D	0	0	0	0

QUESTION SEVEN					
	1	2	3	4	
7A	. 0	0	<u> </u>	0	
7B		0	0	0	
7C	: :0	0	0	0	
7D	0			0	

	QUES	TION	EIGH	T
I	1	2	3	4
8A	0	0	0	0
8B	0	0	0	0
8C	0	0	0	0
8D	0	0	0	0

	QUESTION NINE				
	1	2	3	4	
9A	0	0	0	0	
9B	0 8	0	0	0	
9C	0	0	0	0	
9D	0	0	0	0	

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