

GCSE

Science A (4461) / Biology (4411)

Specification A

BLY1AP, BL1ASF & BL1ASH

Mark Scheme

2012 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 students' 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) March 2012

Foundation Tier

Question		K	ey	
	A brain	1		
One	B kidney	4		
One	C liver	3		
	D lung	2		
	A cannabis	3		
Two	B nicotine	1		
	C statin	2		
	D thalidomide	e 4		
	A 21	3		
	B 24	1		
Three	C 36	4		
	D 41	2		
	A Atkins diet			
Four	B Slim-Fast r			
1 001		Conley classes 1		
	D Control gro	oup 2		
	A vaccines	1		
	B mutations	4		
Five	C antibiotics	3		
	D antibodies	2		
		_		
	Α	В	С	D
Six	4	4	3	2
Seven	4	2	4	1
Eight	4	3	1	2
Nine	3	2	3	1

GCSE

SCIENCE A (4461)/BIOLOGY (4411)

Objective Test Answer Key

BLY1AP (Human Biology)

March 2012

Higher Tier

Question		Key				
	Α	vaccines	1	1		
One	В	mutations	4	Į.		
One	С	antibiotics	3			
	D	D antibodies		2		
	Α	5.3 g	4	Į.		
Two	В	9.1 g	1			
I WO	С	9.6 g	2	2		
	D	33.6 g	3	3		
		Α	В	С	D	
Three		4	3	1	2	
Four		3	2	3	1	
Five		3	4	3	4	
Six		4	2	2	1	
Seven		3	3	2	1	
Eight		3	4	2	4	
Nine		2	2	4	3	



Unit: BLY1AP BIOLOGY UNIT 1A

Centre:

Candidate Number:

UCI:

Series: 3G12

Candidate Name:

01-MAR-12

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

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

		OUECTION TWO	4	0	9	
1D	antibodies		0	0	0	0
1C	antibiotics		0	0	0	0
1B	mutations		0	0	0	0
1A	vaccines		0	0	0	0
		QUESTION ONE	1	2	3	4

		QUESTION TWO	1	2	3	4	1
2A	5.3g		0	0	0	0	٠
2B	9.1g		0	0	0	0	
2C	9.6g		0	0	0	0	
2D	33.6g		0	0	0	0	J .

QL	JESTI 1	ON T	HRE	E 4
3A	0	0	0	0
3B	0	0	0	0
3C	0	0	0	0
3D	0	0	0	0

QUESTION 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 1	ION F	OUF 3	4
4A	0	0	0	0
4B	0	0	0	0
4C	0	0	0	0
4D	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			

	QUEST 1	10N 2	NINE 3	4
9A	0	0	0	0
9B	0	0	0	0
9C	0	0	0	0
9D	0	0	0	0

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

QUESTION EIGHT						
	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

ON 2	SIX 3 4	QUESTION SEVEN 1 2 3 4			QU	EST 1	ΓΙΟΝ Ι 2
5D	antibodies		0	0	0	0).
5C	antibiotics		0	0	0	0	
В	mutations		0	0	0	0	
5A	vaccines	QUESTION FIVE	1	2	3	4	
4D	Control group		0	0	0	0) •
	Rosemary Conley classe	es	0	0	0	0	•
	Slim-Fast meals		0	0	0	0	
	Atkins diet	QUESTION FOOK	0	0	0	0	
	••	QUESTION FOUR	1	2	3	4) *
3D			0	0	0	0	
BB BC	36		0	0	0	0	ľ
3A	21 24		0	0	0	0	1
	24	QUESTION THREE	1	2	3	4	
2D	thalidomide	Equation 1	0	0	0	0	J •
2C	statin		0	0	0	0	
2B	nicotine		0	0	0	0	
2A	cannabis	QUESTION TWO	1	2	3	4	
טו	lung		0	0	0	0) •
	liver		0	0	0	0	1
1B	-		0	0	0	0	
1A	brain		0	0	0	0	•

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

QUESTION SEVEN					
1	2	3	4		
0	0	0	0		
0	0	0	0		
0	0	0	0		
0	0	0	0		
	0 0 0				

	QUEST	10N 2	EIGH 3	T 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	0	0	0
9C	0	0	0	0
9D	0	0	0	0

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