

GCSE

Science A (4461) / Biology (4411)

Specification A

BLY1AP, BL1ASF & BL1ASH

Mark Scheme

2011 Examination – June 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)

June 11

Foundation Tier

Question	Key												
	Α	statins		3									
0.50	в	painkillers		4									
One	С	heroin and co	2										
	D	tobacco and	1										
	Α	12		2									
	B	12	2										
Two	Б С	13 22	4										
	D	62		3									
	U	02		3									
	Α	if the drugs h	2										
Three	В	the best dose	4										
THEE	С	if the drug is	toxic	1									
	D	if the effect o	chological 3										
	Α	experiment		3									
	В	hypothesis	2										
Four	c	observation		1									
	D	result	4										
		reout		•									
	Α	kidney		4									
	В	liver			1								
Five	c	ovary		3	·								
	D	pituitary glan	d	2									
		•		^									
Qiv		A 2	B	C	D								
Six		2 4	3	3	4								
Seven			3		4								
Eight		4	1 2	3	2								
Nine		2	4	1									

GCSE SCIENCE A (4461)/BIOLOGY (4411)

Objective Test Answer Key

BLY1AP (Human Biology)

June 11

Higher Tier

Question	Кеу													
	Α	kidney		4										
0.22	В	liver		1										
One	С	ovary		3										
	D	pituitary glar	nd	2										
	Α	alcohol		3										
Two	В	ecstasy		2										
TWO	С	heroin		4										
	D	tobacco		1										
					1									
		Α	В	С	D									
Three		4	1	3	2									
Four		2	2	4	1									
Five		1	3	1	4									
Six		2	3	1	4									
Seven		1	4	3	3									
Eight		2	1	3	4									
Nine		2	3	3	1									

The AQA UMS Conversion Calculator can be found at the following web address:

http://www.aqa.org.uk/umsconversion

Cano	lidate	e Nam	e:		JCI :					28-	JUN-11			
For	compl	letion by	the Exam	nination Inv	vigilator.	Pleas	e fill t	his circle	if the ca	andic	late is al	osent:	0	
Instr	ructions	on how to	complete thi	is answer she	IIGHE				Please ma	ko su	e vou foll	w them	carefull	V .
				ONE to NII								SW LICITI	carerun	y
				(QUESTI	ON (ONE		1	2	34			
	1A	kidney							0	0	0 0			
	1B 1C	liver							0	0	0 0			
	1D	ovary	y gland						0	0	0 0			
	-	pitaltai	y giunu	0	UESTI	ON T	WO		1	2	3 4			
	2A	alcoho	l.		CLOIN		000		0	0	0 0			
	2 B	ecstas	у						0	0	0 0			
	2C	heroin							0	0	0 0			
	2D	tobacc	0						0	0	0 0).		
QUESTI	ον τ	HREE		G	UESTI	ON F	OUR		(QUES	TION	FIVE	
1	2	3	4		1	2	3	4			1	2	3	
0	0		0	4A 4B	0	0	0	0		5A 5B	0	0	0	
0	0		0	4C	0	0	0	0		5C	0	0	0	
0	0	0	0	4D	0	0	0	0		5D	0	0	0	
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1	2		4	7A	1	2	3	4			1	2	3	
0	0		0	7B	0	0	0	0		8A 8B	0	6	0	
0	0		0	70	0	0	0	0		8C	0	0	0	
0	0	0	0	7D	0	0	0	0		8D	0	0	0	
					QUESTI	ONN	INE							
					1	2	3	4						
				9A	0	0	0	0						
				9B 9C	0	0	0	0						
				9D	0	0	0	0						

GOSESCIENC

2206

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

			Q	juestio	ns Or	L to I	NINE	Choose	one r	espo	inse 1	- 4 10	r each o	or the p	arts	A - L	,			
								QUES	TIO	N (ONE		N 2	1	2	3	4			
			statin											0	0	0	0			
			paink											0	0	0	0			
			heroir											0	0	0	0			
		1D	tobac	co an	d alco	hol								0	0	0	0)•		
		\bigcap						QUES	TIO	N 1	ΓWO			1	2	3	4			
			12											0	0	0	0			
		2B	13											0	0	0	0	-		
		2C	22											0	0	0	0	-		
		2D	62											0	0	0	0).		
							Q	UEST	ION	T	IRE	Ξ		1	2	3	4			
		3A	if the	drugs	have	any s	ide ef	fects						0	0	0	0			
		3B	the be	est dos	se for	the dr	ug							0	0	0	0			
		3C	if the	drug i	s toxic	•								0	0	0	0	-		
		3D	if the	effect	of the	drug	is onl	y psych	ologi	cal				0	0	0	0].		
							G	QUEST	ΓΙΟΝ	١F	OUR			1	2	3	4			
		4 A	exper	iment										0	0	0	0			
		4B	hypotl	nesis										0	0	0	0			
		4C	obser	vation	i -									0	0	0	0	-		
		4D	result											0	0	0	0).		
							(QUES	TIO	NF	IVE			1	2	3	4			
		5A	kidney	/										0	0	0	0			
		5B	liver											0	0	0	0	•		
		5C	ovary											0	0	0	0			
		5D	pituita	ry gla	nd				0	9				0	0	0	0).		
(QUEST	ION				(G	QUEST	ΓΙΟΝ	V S	EVE	N		(QU	EST	ΓΙΟΝ	EIG	ΗT
6A	1	2	3	4			7A	1		2	3	4	-		8A		1	2	3	
6B	0	0	0	0			7B	0			0	0	2	-	8B		0	6	0	
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	
UD						(QUES						(ž.			
								1		2	3	4								
							9A	0	-	C	0	0								
							9B	0	(9	0	0								
							90	0	(C	0	0								
							9D	0		C	0	0								
For	AQA Off	ice	Use C)nly	2	206								220						
		101	19											220	0					

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