

GCSE

Science A (4461) / Biology (4411)

Specification A

BLY1BP, BL1BSF & BL1BSH

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

BLY1BP (Evolution and Environment)

June 11

Foundation Tier

Question		K	ey	
	A Thick fur		3	
0.00	B Shaggy ta	lend	1	
One	C Sharp poi	nted horns	2	
	D Thick mus	cular neck to move hea	d sideways 4	
		ale that release earlier	diavida 0	
		els that release carbon		
Two	B building no		4	
		rops with pesticides	2	
	D using wee	dkillers on crops	1	
	A Alamosau	us	4	
-	B Lagosuch	IS	1	
Three	C Saturnalia		3	
	D Triceratop	6	2	
	A invertebra	200	2	
	B lichens		2	
Four	C rice crops		4	
	D trees		- 3	
	D liees		5	
	A extinction		4	
Five	B mutation		2	
Five	C reproducti	on	3	
	D variation		1	
	Α	B	С	D
Six	1	2	3	2
Seven	3	1	4	3
Eight	3	1	3	4
Nine	2	4	3	4
	_	–	5	7

GCSE

SCIENCE A (4461)/BIOLOGY (4411)

Objective Test Answer Key

BLY1BP (Evolution and Environment)

June 11

Higher Tier

Question	Кеу								
	A extinction		4						
0.00	B mutation		2						
One	C reproductio	n	3						
	D variation		1						
	A each of the	A each of the four species changes slowly over time							
Two	B none of the	none of the four species changes over time and some species die out							
TWO	c none of the	none of the four species changes over time							
	D new specie	D new species evolve over time							
			I						
	Α	В	С	D					
Three	3	1	3	4					
Four	2	4	3	4					
Five	3	4	4	3					
Six	3	4	4	4					
Seven	4	2	4	1					
Eight	3	3	3	2					
Nine	3	2	1	1					

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

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

OTQ	3			GUSE SCIENCE					AOA /
	Unit : B	LY1BP	BIOLO	DGY UNIT 1B					1 ICE
	Centre : Candida Candida	te Numl	0.000	UCI :			ies : JUN·	6M ² -11	11
				ation Invigilator. Please fill this ci	rcle if the c	andio	date	is ab	sent: 0
				HIGHER TIER					
	Instructio	ns on how to c	complete this a	nswer sheet are given on the question pap	er. Please ma	ake su	re yo	u follo	w them carefully.
			Questions ON	NE to NINE Choose one response 1 - 4	for each of the	ne par	ts A	- D	
	C			QUESTION ONE	1	2	3	4	
	1.	A extinction	on		0	0	0	0	
	1	B mutatio	n		0	0	0	0	
	1	c reprodu	ction		0	0	0	0	
	1	D variatio	n		0	0	0	0].
	C			QUESTION TWO	1	2	3	4	
	2	A each of	the four spe	cies changes slowly over time	0	0	0	0	
	2	B none of	the four spe	cies changes over time & some die	out O	0	0	0	•
	2	c none of	the four spe	cies changes over time	0	0	0	0	

QL	QUESTION THREE							
	1	2	3	4				
3A	0	0	0	0				
3B	0	0	0	0				
3C	0	0	0	0				
3D	0	0	0	0				

2D

new species evolve over time

	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	IONF	OUF	< C
	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

	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

	QUESTION FIVE						
	1	2	3	4			
5A	0	0	0	0			
5B	0	0	0	0			
5C	0	0	0	0			
5D	0	0	0	0			

.

0 0 0 0

\bigcap	QUEST	ION	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 ONI	E to NINE	Choose one response	1 - 4 for each of the	oarts A - D
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	Questions ONE to M				-					
10	Thick fur	QUEST	ION ONE		1 1	2 3	4			
	Shaggy tail end				0 0		0			
	Sharp pointed horns				0 0		0			
	Thick muscular neck to	move head sid	deways		0 0		0			
			ION TWC)						
2A	burning fuels that release			,	1	2 3	4	ē —		
2B	building new houses				0 0	0	0			
2C	spraying crops with pes	ticides			0 0	0	0			
2D	using weedkillers on cro	ops			0 0	0	0			
		QUESTI	ON THRE	F	1 3	2 3				
3A	Alamosaurus	QUEUTR			0 0		4			
3B	Lagosuchus				0 0	0	0			
3C	Saturnalia				0 0	0	0			
3D	Triceratops				0 0	0	0)			
		QUESTI	ON FOUF	2	1 3	2 3	4			
4A	invertebrates	a o L o I i	0111001		0 0		0			
4B	lichens				0 0	0	0			
4C	rice crops				0 0	0	0			
4D 1	trees				0 0	0	0).			
		QUEST	ION FIVE		1 2	2 3	4			
5A 9	extinction				0 0		0			
5B	mutation				0 0	0	0.			
5C	reproduction				0 0	0	0.			
5D .	variation				0 0	0	0).			
QUESTION	SIX	QUESTI	ON SEVE	N	(QUE	ESTI	ON I	EIGH	Т
1 2	3 4	1	2 3	4	_		1	2	3	4
6A 0 0		7A O	0 0	0	8A		0	0	0	0
6B 0 0	the second s	7B 0	0 0	0	8B		0	0	0	0
6C 0		7C O	0 0	0	80		0	0	0	0
6D 0 0		7D O	0 0	0	8D		0	0	0	0
			ION NINE							
		1 9A O	2 3	4						
		9B O	0 0	0						
	1	90 0	0 0	0						
		9D O	0 0	0						
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