



GCSE

Science A (4461)

Specification A

BLY1BP, BL1BSF & BL1BSH

Mark Scheme

2010 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 2010
 Foundation Tier

Question	<i>Key</i>			
One	A	thick fur coat		3
	B	large front teeth		1
	C	muscular flat tail		2
	D	clear coverings over each eye		4
Two	A	A. anamensis		3
	B	A. africanus		4
	C	Homo erectus		2
	D	Homo sapiens		1
Three	A	bulblet		3
	B	clone		4
	C	gamete		2
	D	parent		1
Four	A	60 000 hectares		1
	B	320 000 hectares		4
	C	540 000 hectares		2
	D	1 000 000 hectares		3
Five	A	trees		3
	B	rice plants		4
	C	lichens		1
	D	invertebrates		2
	A	B	C	D
Six	4	2	4	4
Seven	1	3	4	4
Eight	2	3	3	4
Nine	3	4	2	3

GCSE
SCIENCE A (4461) / BIOLOGY (4411)
 Objective Test Answer Key
BLY1BP (Evolution and Environment)
June 2010
 Higher Tier

Question	<i>Key</i>			
One	A	trees		3
	B	rice plants		4
	C	lichens		1
	D	invertebrates		2
Two	A	a common garden plant		3
	B	a very rare endangered plant		1
	C	a well-loved family cat		4
	D	a common farm animal		2
	A	B	C	D
Three	2	3	3	4
Four	3	4	2	3
Five	1	2	1	3
Six	3	2	1	2
Seven	2	2	1	2
Eight	1	3	3	4
Nine	1	2	2	3

Unit : BLY1BP BIOLOGY UNIT 1B

Centre :

Candidate Number :

UCI :

Series : 6M10

Candidate Name :

28-JUN-10

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

QUESTION ONE		1	2	3	4
1A	trees	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1B	rice plants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1C	lichens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1D	invertebrates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO		1	2	3	4
2A	a common garden plant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2B	a very rare endangered plant	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2C	a well-loved family cat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2D	a common farm animal	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE		1	2	3	4
3A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FOUR		1	2	3	4
4A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FIVE		1	2	3	4
5A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION SIX		1	2	3	4
6A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
6D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION SEVEN		1	2	3	4
7A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
7D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION EIGHT		1	2	3	4
8A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
8D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION NINE		1	2	3	4
9A		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9B		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9C		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
9D		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

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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	thick fur coat	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1B	large front teeth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1C	muscular flat tail	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
1D	clear coverings over each eye	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION TWO		1	2	3	4
2A	A. anamensis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2B	A. africanus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2C	Homo erectus	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
2D	Homo sapiens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION THREE		1	2	3	4
3A	bulblet	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3B	clone	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3C	gamete	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
3D	parent	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FOUR		1	2	3	4
4A	60 000 hectares	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4B	320 000 hectares	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4C	540 000 hectares	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
4D	1 000 000 hectares	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION FIVE		1	2	3	4
5A	trees	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5B	rice plants	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5C	lichens	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
5D	invertebrates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

QUESTION SIX		1	2	3	4
6A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
6D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

QUESTION SEVEN		1	2	3	4
7A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
7D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

QUESTION EIGHT		1	2	3	4
8A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
8D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

QUESTION NINE		1	2	3	4
9A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9B	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9C	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
9D	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

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