



**GCSE**

**Science A (4461)**

*Specification A*

**BLY1BP, BL1BSF & BL1BSH**

**Mark Scheme**

*2008 Examination – November Series*

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](http://www.aqa.org.uk)

Copyright © 2008 AQA and its licensors. All rights reserved.

#### COPYRIGHT

AQA retains the copyright on all its publications. However, registered centres for AQA are permitted to copy material from this booklet for their own internal use, with the following important exception: AQA cannot give permission to centres to photocopy any material that is acknowledged to a third party even for internal use within the centre.

Set and published by the Assessment and Qualifications Alliance.

**GCSE**  
**SCIENCE A (4461)/BIOLOGY (4411)**  
Objective Test Answer Key  
**BLY1BP (Evolution and Environment)**  
Foundation Tier

Question	<b>Key</b>			
One	<b>A</b>	White fur		<b>2</b>
	<b>B</b>	Thick fur		<b>4</b>
	<b>C</b>	Large feet		<b>3</b>
	<b>D</b>	Small ears		<b>1</b>
Two	<b>A</b>	herbicide		<b>3</b>
	<b>B</b>	methane		<b>2</b>
	<b>C</b>	sulfur dioxide		<b>1</b>
	<b>D</b>	carbon dioxide		<b>4</b>
Three	<b>A</b>	A		<b>1</b>
	<b>B</b>	B		<b>3</b>
	<b>C</b>	C		<b>2</b>
	<b>D</b>	D		<b>4</b>
Four	<b>A</b>	fish		<b>3</b>
	<b>B</b>	amphibians		<b>1</b>
	<b>C</b>	reptiles		<b>2</b>
	<b>D</b>	mammals		<b>4</b>
Five	<b>A</b>	observed that all species change over time		<b>3</b>
	<b>B</b>	had sufficient evidence to prove evolution		<b>4</b>
	<b>C</b>	thought that evolution was by natural selection		<b>1</b>
	<b>D</b>	changes that happen during an organism's lifetime are inherited by offspring		<b>2</b>
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
Six	<b>3</b>	<b>1</b>	<b>4</b>	<b>1</b>
Seven	<b>3</b>	<b>4</b>	<b>1</b>	<b>1</b>
Eight	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>
Nine	<b>4</b>	<b>2</b>	<b>1</b>	<b>2</b>

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

Question	<b>Key</b>			
One	<b>A</b>	observed that all species change over time	<b>3</b>	
	<b>B</b>	had sufficient evidence to prove evolution	<b>4</b>	
	<b>C</b>	thought that evolution was by natural selection	<b>1</b>	
	<b>D</b>	changes that happen during an organism's lifetime are inherited by offspring	<b>2</b>	
Two	<b>A</b>	for floating	<b>3</b>	
	<b>B</b>	to deter predators	<b>1</b>	
	<b>C</b>	for climbing	<b>2</b>	
	<b>D</b>	for reducing water loss	<b>4</b>	
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
Three	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>
Four	<b>4</b>	<b>2</b>	<b>1</b>	<b>2</b>
Five	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>
Six	<b>3</b>	<b>4</b>	<b>2</b>	<b>3</b>
Seven	<b>4</b>	<b>2</b>	<b>2</b>	<b>1</b>
Eight	<b>3</b>	<b>4</b>	<b>4</b>	<b>3</b>
Nine	<b>2</b>	<b>3</b>	<b>1</b>	<b>2</b>