



ASSESSMENT and  
QUALIFICATIONS  
ALLIANCE

## **General Certificate of Secondary Education**

### **Science A 4461**

#### **Biology 4411**

#### **BLY1A F & H**

### *Objective Test Answer Keys*

*November 2006 examination series*

**BLY1A (Human Biology) Foundation Tier**

<b>Question</b>	<b>Key</b>			
One	<b>A</b>	contains receptors that help him to feel the racket		<b>3</b>
	<b>B</b>	contains receptors that help him to see the ball		<b>1</b>
	<b>C</b>	contains receptors that help him to keep his balance		<b>4</b>
	<b>D</b>	contains receptors that help him to smell the grass on the court		<b>2</b>
Two	<b>A</b>	egg and sperm mixed together		<b>2</b>
	<b>B</b>	egg taken from ovary		<b>4</b>
	<b>C</b>	embryo placed into womb		<b>1</b>
	<b>D</b>	sperm taken from male		<b>3</b>
Three	<b>A</b>	research scientists		<b>1</b>
	<b>B</b>	pregnant women		<b>3</b>
	<b>C</b>	the government		<b>4</b>
	<b>D</b>	volunteers		<b>2</b>
Four	<b>A</b>	spinal cord		<b>2</b>
	<b>B</b>	muscles		<b>3</b>
	<b>C</b>	response		<b>4</b>
	<b>D</b>	stimulus		<b>1</b>
Five	<b>A</b>	antibiotics		<b>2</b>
	<b>B</b>	antibodies		<b>1</b>
	<b>C</b>	painkillers		<b>3</b>
	<b>D</b>	toxins		<b>4</b>
Six	<b>A</b>	control		<b>4</b>
	<b>B</b>	hearsay		<b>1</b>
	<b>C</b>	hypothesis		<b>2</b>
	<b>D</b>	investigation		<b>3</b>
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
Seven	<b>4</b>	<b>2</b>	<b>3</b>	<b>3</b>
Eight	<b>4</b>	<b>2</b>	<b>3</b>	<b>4</b>
Nine	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>

### BLY1A (Human Biology) Higher Tier

Question	Key			
One	<b>A</b>	control		<b>4</b>
	<b>B</b>	hearsay		<b>1</b>
	<b>C</b>	hypothesis		<b>2</b>
	<b>D</b>	investigation		<b>3</b>
Two	<b>A</b>	may cause damage to the liver and brain		<b>1</b>
	<b>B</b>	may lead to heart disease		<b>3</b>
	<b>C</b>	may lead to becoming addicted to hard drugs		<b>4</b>
	<b>D</b>	may lead to a reduced level of cholesterol in the blood		<b>2</b>
	<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>
Three	<b>4</b>	<b>2</b>	<b>3</b>	<b>4</b>
Four	<b>2</b>	<b>1</b>	<b>3</b>	<b>3</b>
Five	<b>2</b>	<b>3</b>	<b>2</b>	<b>3</b>
Six	<b>4</b>	<b>4</b>	<b>3</b>	<b>2</b>
Seven	<b>3</b>	<b>3</b>	<b>2</b>	<b>4</b>
Eight	<b>3</b>	<b>1</b>	<b>3</b>	<b>1</b>
Nine	<b>4</b>	<b>4</b>	<b>2</b>	<b>4</b>