



ASSESSMENT and  
QUALIFICATIONS  
ALLIANCE

## **General Certificate of Secondary Education**

### **Science A 4461**

#### **Chemistry 4421**

#### **CHY1B F & H**

### *Objective Test Answer Keys*

*November 2006 examination series*

### CHY1B (Oils, Earth and Atmosphere) Foundation Tier

Question	Key			
One	A	carbon dioxide	2	
	B	helium	1	
	C	nitrogen	4	
	D	oxygen	3	
Two	A	atmosphere	1	
	B	core	4	
	C	crust	2	
	D	mantle	3	
Three	A	continental drift	1	
	B	convection currents	2	
	C	radioactive processes	3	
	D	volcanic eruptions	4	
Four	A	4		
	B	1		
	C	3		
	D	2		
Five	A	Olive oil separates from the water.	4	
	B	The mixture is pressed.	3	
	C	Water is added and the mixture is stirred.	2	
	D	The olives are crushed.	1	
Six	A	the colour produced	2	
	B	the noble gas used	1	
	C	the thickness of the glass	4	
	D	the voltage used	3	
	A	B	C	D
Seven	3	2	2	2
Eight	3	1	4	1
Nine	1	2	2	1

### CHY1B (Oils, Earth and Atmosphere) Higher Tier

Question	Key			
One	A	the colour produced		2
	B	the noble gas used		1
	C	the thickness of the glass		4
	D	the voltage used		3
Two	A	4		
	B	2		
	C	3		
	D	1		
	A	B	C	D
Three	3	1	4	1
Four	1	2	2	1
Five	2	2	3	4
Six	3	4	1	3
Seven	3	4	3	4
Eight	2	2	1	4
Nine	1	2	4	3