



## QUIZ 1 – MEMORANDUM

### The Solar System [The Sun]

1. Why is the Sun called a star?  
**The Sun produces light and heat energy.** [1]
2. How many layers does the Sun have?  
The Sun has **six / 6** layers. [1]
3. Where is the hottest part of the Sun?  
The **core** is the hottest part of the Sun. [1]
4. What are the dark patches on the Sun called?  
The dark patches are called **sun spots**. [1]
5. Why must we not look directly into the Sun?  
**The ultraviolet radiation of the Sun can damage our eyes.** [1]
6. The Sun is [ 240 , **420** , 402 , 204 ] times bigger than the Earth. [1]
7. The Sun is made up of gases and the most abundant gas is  
**Hydrogen**. [1]
8. Hydrogen is squeezed together and then it turns into **Helium**. [1]
9. The surface is about [15 million °C; **5500 °C**]. [1]
10. The Sun is a ball of gas held together by **gravity**. [1]

[TOTAL 10 Marks]