# http://library.thinkquest.org/C004535/media/cell_membrane.gifCell Membrane Review

**Directions: Read each questions carefully and answer the following questions using your notes.**

1. **What is the plasma membrane?**
2. **Define the term homeostasis.**
3. **How does it maintain homeostasis?**
4. **List 3 characteristics of the plasma membrane.**

**a.**

**b.**

**c.**

1. **What is selective permeability?**
2. **List 3 functions of the plasma membrane.**

**a.**

**b.**

**c.**

1. **Describe the structure of the plasma membrane (what is it composed of?).**
2. **What is hydrophilic refer to?**
3. **What does hydrophobic refer to?**
4. **Why is the plasma membrane referred to as the fluid mosaic model?**
5. **What is the function of cholesterol in the cell membrane?**
6. **What does the transport protein do in the cell membrane?**
7. **The carbohydrates in the plasma membrane functions by playing a role in \_\_\_\_\_\_\_\_\_\_\_\_\_ with other cells.**