# [http://library.thinkquest.org/C004535/media/cell_membrane.gif](http://www.google.com/url?sa=i&rct=j&q=&esrc=s&frm=1&source=images&cd=&cad=rja&docid=QQIw1xvQng31CM&tbnid=gA7T53oBLYIFaM:&ved=0CAUQjRw&url=http://healthpic.tk/tag/lipid/&ei=zSFpUpSeE8-3kQe7-ICYAQ&bvm=bv.55123115,d.eW0&psig=AFQjCNEcjCRxjoB2gO1Ry45hoqKkbxPcig&ust=1382708033407562)Cell 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.**