Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**LE Cell Topic 8: Cell Membrane**

1. **Cell Membrane:**
* Also called the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* Separates the cell from its external environment
* Controls the movement of materials into and out of the cell
* Makes it possible for the cell to be different from its surrounding environment
* Keeps the internal conditions of the cell constant

**Bi-Lipid Layer:**

* A Two-Layered Structure

[**Semi-Permeable Membrane**](https://search.yahoo.com/yhs/search;_ylt=A0LEVivpkShaIuoAIO0PxQt.;_ylu=X3oDMTBzamNxcGJpBGNvbG8DYmYxBHBvcwMxBHZ0aWQDBHNlYwNyZWw-?p=semi+permeable+membrane&type=ANYS_A03YX_ext_bcr&hspart=Lkry&hsimp=yhs-SF01&ei=UTF-8&fr2=rs-top&fr=yhs-Lkry-SF01) **or Selectively Permeable:**

* + Some substances can pass through easily, other substances can only pass through to some slight extent or at certain times, and some substances cannot pass through at all

|  |  |  |
| --- | --- | --- |
|  | Part | Function |
| **A**. | Lipid |   |
| **B.** |  | Involved in cross-membrane **transport** |
| **C.** | Receptors |  |



Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**LE Daily Quiz Cell Membrane**

*Match the Cell Membrane Term with Function*

1. Lipids
2. Proteins
3. Receptors
4. Cell Membrane
5. Semipermeable
6. Hydrophobic **Tail**
7. Hydrophilic **Head**
8. Bi-Lipid Layer
9. Water hating (**Inside** of the Bi-lipid layer)
10. Separates the cell from its surrounding environment. Controls the movement of materials into and out of the cell
11. Two-layer structure
12. Allowing certain substances to pass through it but not others
13. Make a semi-permeable barrier between the cell and its environment.
14. Involved in cross-membrane transport
15. Hormones may bind to them for a response within the cell.
16. Water loving lipid (outside of the Bi-lipid layer)

