Plant Cells, Tissues and Systems /

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

|  |  |  |
| --- | --- | --- |
| **Name** | **Definition** | **Function** |
| **Shoot System** |  |  |
| **Root System** |  |  |
| **Dermal Tissue or Epidermis** |  |  |
| **Ground** **Tissue** |  |  |
| (a) Palisade Tissue |  |  |
| (b) Spongy Mesophyll Tissue |  |  |

|  |  |  |
| --- | --- | --- |
| **Name** | **Definition** | **Function** |
| **Vascular Tissue** |  |  |
| (a) Phloem |  |  |
| • Sieve Tube Cells |  |  |
| • Companion Cells |  |  |
| (b) Xylem |  |  |
| (c) Vascular bundles |  |  |
| **Meristems** |  |  |
| **Specialization in Plant Cells** |  |  |
| (a) Root Hairs |  |  |
| (b) Guard Cells |  |  |
| (c) Cuticle |  |  |