Chapter 36 - Glossary of Terms

1. The pattern of leaf arrangement – phyllotaxy

2. Region or area of leaf attachment – node

3. Flattened area of leaf – blade

4. Angle between petiole (or blade) and the stem – axil

5. Horizontal stem running along the surface of the ground – runner

6. Modified stems that twine around support – tendrils

7. A short, vertical, swollen underground plant stem that serves as a storage organ used by some plants to survive winter or other adverse conditions – corm

8. A flattened photosynthetic stem that resembles a leaf – cladophyll

9. Leaf with divided blade – compound leaf

10. The photosynthetic tissue of leaf – mesophyll

11. Tissues resulting from primary growth – primary tissues

12. The lateral meristem that produces cork cells – cork cambium

13. The paired sausage-shaped cells flanking a stoma – guard cells

14. The cells of ground tissue having large vacuole, and thin walls – parenchyma cells

15. Cells of ground tissue having living protoplasts and giving flexible support – collenchyma cells

16. In roots, the inner layer of the cortex having cells whose primary walls are impregnated with suberin, forms the – endodermis

17. A cylinder of parenchyma cells that can divide and give rise to lateral roots forms the - pericycle