

**FINAL EXAMINATION  
GRADE 11 BIOLOGY**

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

Score: \_\_\_\_\_

Level: \_\_\_\_\_

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

**A. MODIFIED TRUE OR FALSE:** Write *TRUE* if the statement is correct, if *FALSE* change the underlined word into its correct answer.

- \_\_\_\_\_ 1. Plants with hard, thickened, woody stems are woody plants.
- \_\_\_\_\_ 2. Most annual plants exhibit primary and secondary growth
- \_\_\_\_\_ 3. Compound leaves have multiple leaflets on one petiole.
- \_\_\_\_\_ 4. Mesophyll carries out photosynthesis
- \_\_\_\_\_ 5. Fibrous root systems are found in dicots, and consist of a main root with lateral branches.
- \_\_\_\_\_ 6. Root epidermis lacks a cuticle, and is porous. Usually has many root hairs.
- \_\_\_\_\_ 7. The cortex layer is made up of parenchyma cells.
- \_\_\_\_\_ 8. layer of parenchyma cells, inside of endodermis, from which branch roots can arise is the pericycle
- \_\_\_\_\_ 9. Pith makes up the center of the stem, and is absent in hollow stems.
- \_\_\_\_\_ 10. Primary Growth is primarily vertical.
- \_\_\_\_\_ 11. Primary growth produces stronger, thicker stems from the vascular cambium and cork cambium.
- \_\_\_\_\_ 12. Secondary growth occurs by division of apical meristem cells and differentiation of their daughter cells.
- \_\_\_\_\_ 13. Primary growth occurs by division of lateral meristem cells and differentiation of their daughter cells.
- \_\_\_\_\_ 14. Differentiated cells are mature cells specialized for a specific function.
- \_\_\_\_\_ 15. Apical meristems are located at tips of stems and leaves.