



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions: (15x2=30)

- I. What do you understand ray system?
- II. Differentiate between wood of gymnosperm and angiosperm.
- III. Define leaf gap.
- IV. What is pericycle?
- V. What do you mean by wound healing in plants?
- VI. What is role of root cap?
- VII. Discuss development of buds on roots.
- VIII. Differentiate between soft and hard wood.
- IX. Differentiate between protoxylem and metaxylem?
- X. What are collateral vascular bundles?
- XI. Give importance of commercial cork.
- XII. How is reaction wood formed?
- XIII. What is Anomalous Secondary Growth?
- XIV. What are tracheid.
- XV. Why is the heartwood darker in color than sap wood?

Q.2. Answer the following questions. (3x10=30)

- I. Write down structure primary xylem.
- II. Discuss secondary xylem in stem of dicotyledons.
- III. Write note on secretory structure.