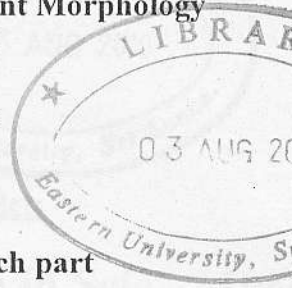


Eastern University, Sri Lanka
Second Examination in Faculty of Science
EXTBT-204 & 205 / Plant Anatomy & Plant Morphology
(Re-Repeat) - (Term System)

External Degree Programme



Time: 2 Hours

Answer 4 questions only, selecting at least TWO from each part

PART-I

1. Classify the different types of fruits found in Angiosperms.
2. Briefly discuss the followings;
 - a). Tendrils in plants.
 - b). Recemose type of inflorescences.
2. Illustrate the diversity of shapes, apices, and bases of leaves of angiosperms.

PART-II

3. Distinguish between;
 - a). Simple pit and bordered pit.
 - b). Stomata and lenticels.
 - c). Collenchyma and sclerenchyma.
4. Write short notes on;
 - a). Thickening of cell wall.
 - b). Vascular bundles.
 - c). Secretory Tissues.
5. Write brief notes on the following;
 - a). Meristematic tissues in plants.
 - b). Ergastic substances in plants.