



Second Year Second Semester Examination in Science
2004/2005 (June/July 2005) (Proper)

BT 204, Plant Structure and Systematic

BT 204 - PARASITOLOGY

Answer all Questions

Time: 02 h

1. Write short notes on the following:
 - (a) Taxonomic Characters
 - (b) The role of Theophrastus in Plant Taxonomy
 - (c) Quiescent centre in the development of roots
 - (d) Cork cells

2. In relation to Taxonomic studies, explain the following
 - (a) Functions of a Herbarium
 - (b) Labels on herbarium sheets
 - (c) Field note book

3. Describe **any two** of the following families, focussing on their morphological, taxonomical and economical values
 - (a) Palmae (Arecaceae)
 - (b) Malvaceae
 - (c) Asteraceae (Compositae)

4. Distinguish between,
 - (a) Parenchyma and Collenchyma
 - (b) Calcium carbonate crystals and Calcium oxalate crystals
 - (c) Anomalous Growth of stems compared to Normal stem growth

(50 marks)

(50 marks)