

(Total No. of Questions -8)

(Total No. of Pages- 1)

B.Sc. VI Semester Examination (Non-CBCS)

BOTANY

Course No. : BO-601

Time Allowed: 3 hours

Maximum Marks – 80

Note: All the questions carry equal marks. Candidates are required to answer any four questions.

- 1. Define soil profile and discuss various processes involved in soil development.**
- 2. Write illustrated notes on the following terms**
 - (a) Ecological pyramids.**
 - (b) Food chain**
 - (c) Ecotypes**
- 3. Write the common name, botanical name and utilization of major timber yielding plants of J&KUT.**
- 4. Define ecological succession and give an account of the sequential stages of a typical xerosere.**
- 5. Discuss the role of remote sensing and GIS in environmental management.**
- 6. Discuss the origin and cultivation of wheat.**
- 7. Discuss the botany and processing of tea.**
- 8. Discuss the extraction and processing of commercial rubber.**