

Total page: 1

PG (NEW) CBCS
M.Sc. Semester-IV Examination, 2020
BOTANY
PAPER: BOT 401
SILVICULTURE & MENSURATION

Full Marks: 40

Time: 2 Hours

Write the answer for each unit in separate sheet

UNIT- I

Answer any one question (from each unit) preferably with in 250 words

1. Discuss process of Pan Formation. Mention its disadvantages.
2. Discuss how different biotic factors influences forest growth.
3. Discuss trigonometric principle for height measurement of forest trees. Name few instruments used in height measurement of standing trees.
4. Write down scope and objectives of silviculture.
5. How natural and artificial regenerations can be done in a forest?
6. Write short notes on farm forestry, social forestry and agro-forestry.

UNIT -II

Answer any one question following with in 250 words

1. Write notes on joint forest management (JFM).
2. Write down objectives of forest conservation.
3. Mention advantages and disadvantages of coppice system.
4. Write note on forest policy 1988.
5. Define thinning, pruning and pollarding. Define sustained yield and progressive yield in silviculture.
6. What is shelter wood system? What are the variations of shelter wood system?
