

M.Sc. BOTANY
Third Semester
Plant Resources Utilization and Conservation
(MDC)
(MSB – 306B)

Duration: 3Hrs.

Full Marks: 70

Part-A (Objective) =20
Part-B (Descriptive) =50

(PART-B: Descriptive)

Duration: 2 hrs. 40 mins.

Marks: 50

Answer any four from Question no. 2 to 8
Question no. 1 is compulsory.

1. Write the scientific name and family of the following plants: 2×5=10
 - a) oat
 - b) french bean
 - c) sissoo
 - d) radish
 - e) cinchona

2. What is biosphere reserve? Explain their role in conservation and development. 1+9=10

3. What is an Ex-situ conservation system? Describe in details with proper examples. 1+9=10

4. What are the Utilization patterns and needs of conservation of plant resources in north east India.” 10

5. Write in brief about the origin of cultivated plant. 10

6. What do you mean by crop domestication? Describe about the vavilov’s works on domestication centers. 2+8=10

7. Describe briefly about non-timber forest product. Mention 5 plants along with their economic uses. 5+5=10

8. a. Write in short about the raw materials for making papers. 5

b. write note on forage crop. 5
