

Roll No.							
----------	--	--	--	--	--	--	--

**25-BO-43-B**

**M.Sc. IV SEMESTER [MAIN/ATKT] EXAMINATION  
MAY - JUNE 2025**

**BOTANY**  
Paper - III  
**[Plants and Society]**

*[Max. Marks : 75]*

*[Time : 3:00 Hrs.]*

*[Min. Marks : 26]*

**Note :** Candidate should write his/her Roll Number at the prescribed space on the question paper.  
Student should not write anything on question paper.  
Attempt all five questions. Each question carries an internal choice.  
Each question carries **15 marks**.

- Q. 1** List out the plants in Mythology, folklores and fairy tales. How they are significant among tribals ?

**OR**

Discuss the innovations for meeting world food demand in following headings –

- i) Innovations for sustainable food systems.
- ii) Meeting food demand with modern agriculture.

- Q. 2** What are the Herbal Medicines ? Recall 10 examples with their uses, safety measures and effectiveness.

**OR**

Assess five common bacterial diseases affect humans with their casual organism, symptoms and preventive measures.

- Q. 3** Describe the cultivation techniques and marketing of any two medicinally important plants.

**OR**

Justify the types of plants used in horticulture with their cultural practices and branches.

- Q. 4** “Bamboo is a valuable resource for livelihood development in rural areas”. Evaluate this statement with your description.

**OR**

P.T.O.

Define Aromatic Plants. Create your explanation by giving marketing and cultivation of any two examples.

**Q. 5** Tissue culture technique can be a good option of mass cultivation of plants. Decide your opinion to describe whole process.

**OR**

Analyze the process of nursery management in following heads –

- i) Site and seed selection.
- ii) Soil preparation and water management.
- iii) Pest control and disease management.
- iv) Seedling care, transplanting and weeding.

—o—