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**24-BO-23**

**M.Sc. II SEMESTER [MAIN/ATKT] EXAMINATION  
JUNE - JULY 2024**

**BOTANY**

Paper - III

**[Utilization and Conservation of Plant Resources]**

*[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 five questions. Each question carries an internal choice.  
Each question carries **15 marks**.

**Q. 1** Describe the temperate and deserts in detail. (15 Marks)

**OR**

Write notes on -

i) Lake Ecosystems. (7½ Marks)

ii) River Ecosystems. (7½ Marks)

**Q. 2** Explain the threats to quality and quantity of resources due to over exploitation. (15 Marks)

**OR**

Write notes on -

i) Food (7½ Marks)

ii) Forage (7½ Marks)

**Q. 3** Write an account of classification resources and through a light on conservation. (15 Marks)

**OR**

Write notes on -

i) Botanical Gardens. (7½ Marks)

ii) Field GENE Banks. (7½ Marks)

**Q. 4** Define pollution and discuss the details of water pollution. (15 Marks)

**P.T.O.**

**OR**

Discuss the details of Air Pollution.

(15 Marks)

**Q. 5** Explain the remote sensing concepts and tools.

(15 Marks)

**OR**

Write notes on -

i) Visual and digital interpretation.

(7½ Marks)

ii) EMR bands and their application.

(7½ Marks)

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