

**A-864**

Total Pages : 3

Roll No. ....

**MSCBOT-608**

**M.Sc. BOTANY (MSCBOT)**

**[Ethnobotany (Elective Course)]**

4th Semester Examination, 2024 (June)

Time : 2:00 Hrs.

Max. Marks : 70

**Note :-** This paper is of Seventy (70) marks divided into Two (02) Sections 'A' and 'B'. Attempt the questions contained in these Sections according to the detailed instructions given therein. *Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.*

**Section-A**

**Long Answer Type Questions**      2×19=38

**Note :-** Section 'A' contains Five (05) Long-answer type questions of Nineteen (19) marks each. Learners are required to answer any *two* (02) questions only.

1. Give an in-depth description of ethnobotany, highlighting its concept, scope, and importance.
2. What are quantitative tools of ethnobotanical research ? Define its types in detail.
3. What are phytochemicals ? Describe phytoconstituents and therapeutic significance of alkaloids and coumarins.
4. What do you understand by bio-pesticides ? Define its classification, sources and advantages.
5. What is IUCN Red List of threatened species ? Give a detail account on objectives, uses and importance of IUCN and IUCN Red list.

### **Section–B**

#### **Short Answer Type Questions**      4×8=32

**Note** :- Section 'B' contains Eight (08) Short-answer type questions of Eight (08) marks each. Learners are required to answer any *four* (04) questions only.

1. Explain the following (any *two*) :
  - (a) Ashtang Ayurveda
  - (b) Indigenous system of medicine
  - (c) Ethnomedicine

2. Write a short note on interdisciplinary approaches of Ethnobotany.
3. What is focus group discussion ? Define its advantages and disadvantage in ethnobotanical research.
4. Write short note on the following :
  - (a) Dr. S. K. Jain
  - (b) Ethnic group and Ethnicity
5. Write a short note on importance of sacred groves.
6. Discuss in brief the importance of culture to society.  
What are natural resources ?
7. Describe different types of natural resources.
8. Write a brief note on the following :
  - (a) Decoction
  - (b) Pseudotannins
  - (c) Phyto repellents
  - (d) Essential Oils

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