

K-363

Total Pages : 3

Roll No.

MSCBOT-608

Ethnobotany (Elective Course)

M.Sc. Botany (MSCBOT)

4th Semester Examination, 2023 (Dec.)

Time : 2 Hours]

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)

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.

(2×19=38)

1. Write about the interdisciplinary approach in Ethnobotany.
2. Describe in detail about the role of ethnic groups in conservation of plant genetic resources.
3. What are sacred groves? Why they are important and what are the reasons of their decline?
4. What do you know about indigenous system of medicine? Describe about any popular indigenous medicinal system of India.
5. Describe the botanical description and sacred value of any *three* of the following :
 - (a) *Ficus religiosa*.
 - (b) *Ficus benghalensis*.
 - (c) *Prosopis cineraria*.
 - (d) *Musa paradisiaca*.
 - (e) *Ocimum sanctum*.

SECTION-B
(Short Answer Type Questions)

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. (4×8=32)

1. Write a short note on significance of Ethnobotany.

2. Discuss in brief about the concrete relationship in Ethnobotany.
 3. What are the importances of *Rauwolfia* and *Withania* in modern medicines?
 4. Differentiate between Ethnobotany and Economic botany.
 5. Discuss the different tools and techniques of Ethnobotanical studies.
 6. Write short note on :
 - (a) Arthaeoethnobotany.
 - (b) Shifting cultivation.
 - (c) Types of natural resources.
 - (d) Ashtang Ayurveda.
 7. Write the names of various major tribes of Uttrakhand.
 8. Write a short note on the conservation of sacred plants.
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