

A-1218

Total Pages : 4

Roll No.

MSCBOT-608

M.Sc. Botany (MSCBOT)

Ethnobotany (Elective Course)

Examination February, 2026

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.

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(1)

P.T.O.

1. What is Ethnic group ? Describe in detail about the role of ethnic groups in conservation of plant resources in context to Uttarakhand.
2. What do you understand by bio-pesticides ? Define its classification, sources and advantages.
3. What are phytopharmaceuticals ? Describe about any *two* phytoconstituents with their classifications and therapeutic uses.
4. Give a comprehensive account of ethnobotany as an interdisciplinary branch of science, emphasizing its scope and areas of application.
5. What are quantitative tools of ethnobotanical research ? Describe and classify the different types, explaining their roles in scientific study.

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. Briefly describe about resins and gums with examples and it's used as traditional medicines
2. Explain the following (any *two*) :
 - (a) Food Gatherers and Hunters
 - (b) Focus group discussion
 - (c) Role of technology to influence the life of ethnic peoples
3. Write a short note on effect of climate change on ethnic population.
4. What are phytop repellents ? Give a brief note on antibiotics and its uses.
5. Write brief notes on the following :
 - (a) Bioprospecting
 - (b) Infusions
 - (c) Digestion
 - (d) Decoction

6. What is the importance of ethnomedicinal plants in modern medicines, justify your answer with any *two* suitable examples ?
7. Write the names of various major tribes of Uttarakhand.
8. What are sacred groves, and how do they contribute to biodiversity conservation ?
