

Set-A

Unique Paper Code : 42163512

Name of the paper : SEC-Ethnobotany

Name of the Course : B. Sc. Life Sc. (CBCS)

Semester : V

Time: 3 + 1 Hours

Maximum Marks: 38

(Write your University Roll Number and Paper Title & Code on top of the Answer Sheet)

Attempt any four questions in all. All questions carry equal marks (i.e. 9.5)

Q1. India has a very rich ethnic diversity and lifestyles closely related to nature. Discuss about some major ethnic groups along with some plants used in their daily life.

Q2. Do you think that ancient literature, archeological findings and cultural and religious practices are helpful in ethnobotanical studies? If yes, elaborate in detail.

Q3. Discuss how ethnobotany is instrumental in protecting the interests of ethnic groups. Elaborate sharing of wealth concept with one example from India.

Q4. How participatory forest management is helpful in the conservation of endangered taxa? 'Tribal groups are actively involved in conservation of plant genetic resources' - Discuss in brief.

Q5. What do you understand by Biopiracy? How biopiracy hampers ethnic and national interest? Discuss with some examples, and measures taken by Indian government to curb it.

Q6. Discuss the application of following plants in modern medicine taking account of their active ingredients: *Withania somnifera*; *Trichopus zeylanicus*; *Rauvolfia serpentina*; *Artemisia annua*.