

***This question paper contains 3 printed pages.***

***Your Roll No. ....***

***Sl. No. of Ques. Paper: 271***

***I***

***Unique Paper Code : 42163512***

***Name of Paper : Ethnobotany***

***Name of Course : B.Sc. (Prog.) Botany : SEC***

***Semester : V***

***Duration : 3 hours***

***Maximum Marks : 38***

***(Write your Roll No. on the top immediately  
on receipt of this question paper.)***

***Attempt all questions and  
all of their parts together.***

***1. (a) Define the following terms (any five):*** ***1×5=5***

- (i) TKDL***
- (ii) Herbarium***
- (iii) Endangered taxa***
- (iv) Archaeoethnobotany***
- (v) IPR***
- (vi) Psychotropic drugs.***

***(b) Match the terms given in Column A with those in  
Column B:*** ***1×5=5***

***P. T. O.***

Column A	Column B
(i) Indian ginseng	<i>Gloriosa superba</i>
(ii) Bio-pesticide	<i>Indigofera tinctoria</i>
(iii) Suicidal agent	<i>Vitex negundo</i>
(iv) Dye	<i>Withania somnifera</i>
(v) Chinese chastetree	<i>Azadirachta indica</i>

2. Write botanical name, family, part used and ethnobotanical use of any four:  $2 \times 4 = 8$

- (a) Sarpagandha
- (b) Madagascar periwinkle
- (c) Sweet wormwood
- (d) Indian Beech
- (e) Holy basil.

3. (a) Write short notes on any two:  $2.5 \times 2 = 5$

- (i) Forest management
- (ii) Minor ethnic groups in India
- (iii) *Tribulus Terrestris*.

(b) How can endangered taxa be conserved through forest management practices? 2

4. (a) Discuss how ethnobotanical knowledge can help in conservation of genetic resources. 4

(b) How are traditional medicines superior over modern medicines? 3

5. (a) Temples and sacred places serve as the source of ethnobotanical knowledge. Justify with the help of suitable examples. 4

(b) Mention different approaches used in ethnobotanical studies. 2

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