

Bachelor of Science (B.Sc.) (Third Year) Sixth Semester (Old)
B.Sc. 4508 - Botany Paper-II (Ethnobotany and Applied Botany)

P. Pages : 2

Time : Three Hours



GUG/W/18/1337

Max. Marks : 50

- Notes : 1. All questions are compulsory and carry equal marks.
2. Illustrate your answers with examples and draw well labelled diagrams wherever necessary.

1. Define ethnobotany. Explain the methodology and importance of ethnobotany in research and conservation. **10**

OR

Write on:

- a) Narcotic plants used by tribals any three. **5**
b) Sources of any three Fruits used by tribals. **5**
2. What do you mean by Agroforestry. Explain about the plants useful for Agroforestry any three. **10**

OR

Write on:

- a) Apiculture technique. **5**
b) Floriculture technique any one plant. **5**
3. Write short notes on:
- a) Ethnic societies of India any two. **2½**
b) Chlorophytum borivilianum **2½**
c) Spirulina **2½**
d) Green house **2½**

OR

- e) Ethnopharmacology. **2½**
f) Vegetables used by tribals any two. **2½**
g) Method of composting. **2½**
h) Nutritional value of mushrooms. **2½**

4. Write short notes on:
- a) Ethnomedicine 2½
 - b) Tinospora Cordifolia. 2½
 - c) Vermiwash 2½
 - d) Apiculture & its applications. 2½

OR

- e) Relevance of ethnobotany. 2½
- f) Ethnobotanically important seeds any two. 2½
- g) Blue - green alga 2½
- h) Mushroom & its types. 2½

5. Write answers to **any ten** of the following in two to three lines only **1x10=10**
(Diagram not necessary).

- a) Ethnomusicology
- b) Gonds
- c) Charaṅca Samhita
- d) Narcotics
- e) Sarpagandha
- f) Aegle marmelos (Bel)
- g) Teak
- h) Biofertilizer
- i) FYM
- j) Spawn
- k) Monocrotophos
- l) Honey
