

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 borivillianum 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) <u>Tinospora Cordifolia.</u> | 2½ |
| c) Vermiwash | 2½ |
| d) Apiculture & its applications. | 2½ |

OR

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| 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) Charaṇa Samhita
- d) Narcotics
- e) Sarpagandha
- f) Aegle marmelos (Bel)
- g) Teak
- h) Biofertilizer
- i) FYM
- j) Spawn
- k) Monocrotophos
- l) Honey
