



KERALA AGRICULTURAL UNIVERSITY
B.Sc. (Hons.) Forestry 2015 Admission
V Semester Final Examination-February-2018

Tpbr.3108

Ethnobotany (1+1)

Marks: 50
Time: 2 hours
(10x1=10)

I Fill in the blanks:

- 1 ----- is considered as the '*Father of Indian ethnobotany*'
- 2 ----- is the study of folk knowledge of mushrooms and other fungi.
- 3 *The term "Ethnobotany"* was coined by -----
- 4 The earliest book on Ethnobotany of India is -----published during 1678-1703.
- 5 ----- are the most vulnerable tribe in Kerala found only in Malappuram district

State True or False

- 6 Ethnopharmacology is the scientific study of substances used medicinally, especially folk remedies, by different ethnic or cultural group.
- 7 Anthropological training in Modern ethnobotany is to understand native morphology, syntax, and semantics
- 8 *Vernonia cinerea* is widely used in folk medicine
- 9 *Theyyam* in northern Kerala is always associated with sacred groves
- 10 The family *Coniferae* is rich in folklore plants compared to *Asteraceae*

II Write Short notes on ANY FIVE of the following

(5x2=10)

- 1 Define Doctrine of signatures in ethnobotany
- 2 Write a short note on modern ethnobotanical studies in India
- 3 List out a few leafy vegetable used by the tribal communities in Wayanad
- 4 Write short note on tools employed in ethnobotanical studies (methodology)
- 5 Briefly explain the use of *Phyllanthus amarus* in traditional medicine
- 6 Write a short note on ethnoveterinary medicinal plants with examples
- 7 Write a short note on ethnobotanical value of sacred grove

III Answer ANY FIVE of the following

(5x4=20)

- 1 Briefly define ethnobotany
- 2 Briefly describe the importance of plant taxonomy in ethnobotany
- 3 Explain a few nomadic tribes in Kerala
- 4 Explain the role of ethno botany in conservation of natural resources
- 5 Give one example of ABS (Access and Benefit Sharing) experience in Kerala
- 6 Explain the role of forest in conserving the ethno botanical heritage
- 7 List out a few plants belonging to the family *Asclepiadaceae* with their uses having ethnobotanical importance.

IV Write an essay on ANY ONE of the following

(1x10=10)

- 1 Explain ethnobotanical information with special reference to Wayanad district of Kerala
- 2 Narrate the scope of ethnobotany in healthcare systems of India
