

**Avinashilingam Institute for Home Science and Higher Education for Women
(Deemed to be University) Coimbatore-641043.**

**Master's Degree Examination - November 2018
III Semester**

**Class : II PG
Major : Botany**

**Time: 3 hours
Max. Marks: 60**

17MBOC19 - ETHNOBOTANY

Part A

10 x 1/2 = 5

Choose the correct answer

1. Ethnobotany is the study of
 - a. The relationship between animals and plants
 - b. the relationship between trees and herbs
 - c. the relationship between tribes and plants
 - d. how people utilize plants and animals
2. Which one of the following is an Indian system of medicine
 - a. Ayurveda
 - b. Siddha
 - c. Homeopathy
 - d. All the above
3. The binomial name for clove is
 - a. *Eugenia caryophyllata*
 - b. *Eugenia jambolan*
 - c. *Aegle marmelos*
 - d. *Cinnamomum aromaticum*
4. World's largest sandalwood factory is located at _____
 - a. Chennai
 - b. Mysore
 - c. Kerala
 - d. Maharashtra
5. Which part of the aegle *marmelos* is used as medicine?
 - a. Bark
 - b. Root
 - c. Fruit
 - d. Flower
6. The principle compound found in *Adhatoda vasica* is
 - a. steroids
 - b. terpenoids
 - c. piperine
 - d. quinazoline alkaloid
7. *Acalypha indica* belongs to the family
 - a. Euphorbiaceae
 - b. Amaranthaceae
 - c. Acanthaceae
 - d. Malvaceae
8. Aloe vera is used as traditional medicine for _____ diseases.
 - a. rheumatism
 - b. diabetic
 - c. skin
 - d. cancer
9. Tribes of Nilgiri's
 - a. Thoda
 - b. Irulas
 - c. Badagas
 - d. All the above
10. Nimbinene, Nimbidin and Nimbin are the three active compounds found in
 - a. Neerium
 - b. Neem
 - c. Nelambo
 - d. None of the above

Part B

5 x 4 = 20

Answer ALL questions

Each answer should not exceed 200 words or one page

- 11.a. Write short note on importance of ethnobotany.
(Or)
- 11.b. Write the scope and objectives of ethnobotany.
- 12.a. List out the medicinal uses of *Cinnamomum*.
(Or)
- 12.b. What is the medicinal use of *Acorus* and *Coleus*?
- 13.a. Write brief note on the medicinal plants for Rheumatism.
(Or)
- 13.b. Write the importance of *Euphorbia hirta*.
- 14.a. List the medicinal properties of *Aloe vera*.
(Or)
- 14.b. List out the medicinal plants and their parts used against fever.
- 15.a. Comment on participatory forest management.
(Or)
- 15.b. Write brief note on the tribes of Nilgiri.

Part C

5 x 7 = 35

Answer ALL questions

Each answer should not exceed 600 words or three pages

- 16.a. Write in detail the major tribes in South India.
(Or)
- 16.b. Describe in detail the methodology of ethno botanical studies.
- 17.a. Write an essay on Tribal medicine.
(Or)
- 17.b. Give an account of medicinal uses of Mango ginger, Cinchona, Eucalyptus and Pepper.
- 18.a. Write an account on the medicinal plants for Diabetes.
(Or)
- 18.b. Give an elaborate note on medicinal plants for respiratory problems.
- 19.a. Comment on medicinal plants for Jaundice.
(Or)
- 19.b. Write an elaborate account on the medicinal properties of Neem.
- 20.a. Describe in detail the role of tribes in conservation of plant genetic resources.
(Or)
- 20.b. Write the applications ethnobotany.