

2025
FYUGP Semester 3
Botany
Medicinal Botany
Paper : SEC-319

Marks: 45

Time: 2 hours

(The figures in the margin indicate full marks for the questions)

1. Fill in the blanks: 1x4=4
- a. The earliest systemised document of Ayurveda is _____.
 - b. _____ is a group of five basic elements, which, according to Hinduism, is the basis of all cosmic creation.
 - c. The scientific name of shatavari is _____.
 - d. _____ is called as the father of Unani medicine
2. Choose the correct answer of the followings: 1x2=2
- a. Which is not a part of Tridosha – Vata/Pitta/ Kapha/Majja.
 - b. The earliest traditional medicine system, mainly popular in south India is Siddha/Unani/Ayurveda.
3. Answer **any four** of the following questions: 2x4=8
- a. Write the scientific names and family of brahmi
 - b. What are sacred groves?
 - c. Define ethnomedicine
 - d. Write about the 7 physiological principles of Unani doctrine
 - e. What is the Polyherbal formulation? Give examples

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4. Write short notes on any three of the following

3x3=9

- Scope and Importance of medicinal plants
- Conservation of endangered plants
- Saptadhatu ✓
- Tridosha ✓

5. Answer any one of the followings:

a. What are the different categories under IUCN. Explain each with an example. ✓

10

b. What is ex-situ and in-situ conservation? Give examples of both ex-situ and in-situ conservation. How do these conservation techniques help protect endangered species from extinction?

3+1+3+3=10

c. Write an essay on Ethnomedicinal practices in Northeast India. 10

6. Write the scientific name, family and ayurvedic use of any three of the followings:

(1+1+2)x3=12

a. Ashwagandha ✓

b. Cardamom - *Elettaria*

c. Giloy - *Tinospora cordifolia*

d. Neem

Coscinobium

e. Turmeric - *Curcuma longa*

Simulium
