

PART C — (5 × 8 = 40 marks)

Answer ALL questions choosing either (a) or (b).
Each answer should not exceed 600 words.

16. (a) Explain scope of medicinal plants in India.
Or
(b) How does the medicinal plants are dried and stored? Explain.
17. (a) Explain the Bio-control system of neem.
Or
(b) Enumerate the benefit of Aloe Vera.
18. (a) Describe the benefit of Curcumin and Turmeric.
Or
(b) Explain the uses of Tinospora cordifolia ayurvedic medicine.
19. (a) Enumerate, Cardioprotective and Anticancer involved by flavonoids.
Or
(b) Explain the function of steroids.
20. (a) How did you herbs uses? Explain.
Or
(b) Explain about "herbal supplements".

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B.Sc. (CBCS) DEGREE EXAMINATION,
NOVEMBER 2024

Third Semester

Botany

Skill Enhancement Course IV — HERBAL
TECHNOLOGY

(For those who joined in July 2023 onwards)

Time : Three hours

Maximum : 75 marks

PART A — (10 × 1 = 10 marks)

Answer ALL questions.

Choose the correct answer.

1. Herbal drugs are prepared by
(a) Decoction (b) Infusion
(c) Maceration (d) All of these
2. High fever which can be treated with the extraction of cincona tree's bark is
(a) Typhoid (b) Malaria
(c) Chikungunya (d) Dhiarrhea



3. Aloe vera is used to treat
 - (a) Vaginal infection
 - (b) Allergic reaction
 - (c) Herpes
 - (d) All of these
4. Neem oil is used to the control of
 - (a) Rust
 - (b) Black spot
 - (c) Blight
 - (d) All of these above
5. Turmeric, ginger, valerian and podophyllum are as morphologically grouped as
 - (a) Roots
 - (b) Rhizomes
 - (c) Tubers
 - (d) Fruits
6. Which of the following medicinal plants is known as "Indian Ginseng"?
 - (a) Ashwagandha
 - (b) Foxglove
 - (c) Senna
 - (d) Safed Musali
7. What is the another term of flavonoids?
 - (a) Bioflavonoids
 - (b) Polyphenolics
 - (c) Anthocyanins
 - (d) Carotenoids
8. Terpenoids are composed of repeating units of this
 - (a) Amino acids
 - (b) Isoprene units
 - (c) Fatty acids
 - (d) Glucose molecules
9. Processing of Herbal raw material is include it
 - (a) Primary processing
 - (b) Specific processing
 - (c) Drawing
 - (d) All of them

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10. Chemical analysis of a finished food product is an example of
 - (a) Food safety audit
 - (b) Quality control
 - (c) Quality assurance
 - (d) Food supply

PART B — (5 × 5 = 25 marks)

Answer ALL questions choosing either (a) or (b).
Each answer should not exceed 250 words.

11. (a) Write short notes on preventive medicine.
Or
(b) Write the characteristic features of medicinal plants.
12. (a) Discuss the medicinal benefits of Tulasi.
Or
(b) Write short notes on Aloe Vera.
13. (a) Write the systematic position of Curcuma.
Or
(b) Write the anti-diabetic activity of fenugreek seeds.
14. (a) Compare Limnoids and Lanostanes.
Or
(b) Contrast Flavones and Flavonols.
15. (a) How did you prove herbal medicines are safe? Describe.
Or
(b) Describe about Garlic and Ginger.

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