

(6 pages)

Reg. No. :

Code No. : 20863 E Sub. Code : ESBO 22

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

Second Semester

Botany — Main

Skill Enhancement Course – HERBAL MEDICINE

(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. The ayurvedic classification system of physiological components of human beings, vaata, pitha and kaba is also followed in
 - (a) Naturopathy
 - (b) Yoga
 - (c) Unani
 - (d) Siddha
2. Where is National Institute of Siddha Located?
 - (a) Chennai
 - (b) New Delhi
 - (c) Calicut
 - (d) Hyderabad

3. Which one of the following herbals used for common cold?
 - (a) Thulasi
 - (b) Neem
 - (c) Aloe
 - (d) All
4. The poisonous plant if it is ingested is _____.
 - (a) Datura
 - (b) Thulasi
 - (c) Neem
 - (d) Aloe
5. Papaya seed is adulterated with _____ Herbal products.
 - (a) Pepper
 - (b) Clove
 - (c) Saffron
 - (d) Cinnamon
6. Single cell proteins are a good source for _____ Patients.
 - (a) Diabetes
 - (b) Heart
 - (c) Cancer
 - (d) All
7. Cinnamon is obtained from
 - (a) *Cinnamomum zeylanicum*
 - (b) *Coriandrum sativum*
 - (c) *Capsicum annum*
 - (d) *Eugenia caryophyllata*

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8. Zinger is obtained from
 (a) Rhizome (b) Stem
 (c) Root (d) Fruit
9. Which one of the following plant is a climber?
 (a) *Catharanthus* (b) *Piper*
 (c) *Phyllanthus* (d) *Coleus*
10. Which plant is used for the treatment of Jaundice?
 (a) *Catharanthus roseus*
 (b) *Piper nigrum*
 (c) *Phyllanthus amarus*
 (d) *Coleus amboinicus*

PART B — (5 × 5 = 25 marks)

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

11. (a) Explain Pharmacognosy, its definition and history.
- Or
- (b) Examine pharmacopoeial standards to check the quality of drugs.

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12. (a) How can one create a medicinal garden in hilly regions with limited space?

Or

- (b) What are the different types of plant poison, and how do they affect humans?
13. (a) Find out the significance of fox gloves and its adulterants.

Or

- (b) What are some medicinal plants with significant export values, and which countries are the primary exporters?
14. (a) Write the active principles, Binomial name and botanical description of any two root drugs.

Or

- (b) How will you prepare perfumes from the root of Vetiver?
15. (a) Write down the binomial, family, useful part and uses of *Catharanthus*.

Or

- (b) Explain the economic importance of *Phyllanthus*.

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 [P.T.O.]



PART C — (5 × 8 = 40 marks)

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

16. (a) Summarize the principles of indigenous system of medicine.

Or

- (b) What are crude drugs? Categorize the crude drugs.

17. (a) What are medicinal plants? Add common medicinal plants suitable for gardening in the hills and plains?

Or

- (b) Describe the main types of plant poison.

18. (a) Define adulteration. Explain its types with suitable examples.

Or

- (b) Explain the medicinal usage of non flowering plants.

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19. (a) Write down the binomial, family, useful part and uses of Cinnamon.

Or

- (b) Explain the detailed note on drugs obtained from wood that you are studied.

20. (a) Write down the binomial, family, useful part and uses of Pepper.

Or

- (b) Write a detailed account on the economic importance of *Aloe vera*.
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