

Pharmacognosy Question Bank (Chapters 8 and 9)

Chapter 8: Role of Medicinal and Aromatic Plants in National Economy

Short Answer Questions (2-3 Marks Each)

1. Define medicinal and aromatic plants (MAPs) and provide one example of each.
2. List two ways in which medicinal plants contribute to India's national economy.
3. Name two medicinal plants exported from India and their primary uses.
4. What is the role of the National Medicinal Plants Board (NMPB) in promoting MAPs?
5. Explain one challenge faced in the trade of aromatic plants in India.

Long Answer Questions (5-7 Marks Each)

6. Discuss the economic importance of medicinal and aromatic plants in India, with specific examples.
7. Explain how the cultivation of medicinal plants supports rural employment and agricultural income.
8. Describe the role of government initiatives, such as the Ministry of AYUSH, in promoting the economic potential of MAPs.
9. Discuss the impact of overexploitation of medicinal plants on the economy and suggest sustainable practices to address it.
10. Write a note on the export potential of aromatic plants like sandalwood and lavender from India.

Practical-Based Questions (3-5 Marks Each)

11. Describe the morphological characteristics of Isabgol (*Plantago ovata*) and explain its economic significance.
12. Explain the procedure for evaluating the quality of Sandalwood oil for export purposes.
13. Demonstrate the identification of Rauwolfia based on its morphological features and discuss its economic importance.
14. Write a report on a field visit to a pharmacy or herbal industry to understand the supply chain of medicinal plants.
15. Perform a physical test to assess the purity of a crude drug used in the herbal export market.

Assignment-Based Questions (5 Marks Each)

16. Prepare an assignment on the role of medicinal and aromatic plants in India's national economy.
17. Write an assignment discussing the challenges in the cultivation and trade of medicinal plants in India.
18. Submit an assignment on the contribution of government policies (e.g., NMPB, AYUSH) to the economic growth of the herbal industry.

Chapter 9: Herbs as Health Food

Short Answer Questions (2-3 Marks Each)

19. Define nutraceuticals and provide two examples of herbs used as health foods.
20. List two health benefits of using Turmeric as a health food.
21. Name four herbs commonly used as health foods and mention one use for each.
22. What is meant by the term "functional foods" in the context of herbal products?
23. Explain the role of Ginger in preventive healthcare.

Long Answer Questions (5-7 Marks Each)

24. Discuss the significance of herbs as health foods in promoting wellness and preventing diseases.
25. Explain the nutritional and therapeutic benefits of herbs like Cinnamon and Fennel when used as health foods.
26. Describe the regulatory considerations for marketing herbs as health foods in India.
27. Discuss the role of herbs in the nutraceutical industry and their impact on public health.
28. Write a detailed note on the preparation and quality control of herbal health food products.

Practical-Based Questions (3-5 Marks Each)

29. Describe the morphological characteristics of Cardamom and Black Pepper used as health foods.
30. Explain the procedure for preparing a transverse section of Ginger for microscopical study.
31. Demonstrate the identification of Coriander seeds based on their morphological features for use in health foods.
32. Write a report on a field visit to a pharmacy to study the availability and labeling of herbal health food products.
33. Perform a chemical test to evaluate the presence of volatile oils in Nutmeg for its use as a health food.

Assignment-Based Questions (5 Marks Each)

34. Prepare an assignment on the significance of quality control in the production of herbal health foods.

35. Write an assignment discussing the role of herbs as health foods in preventive healthcare.
36. Submit an assignment on the regulatory guidelines for marketing herbal health foods in India.