

Code. No: 13283

FACULTY OF PHARMACY**Pharm D (6-YDC) II-Year (Main & Backlog) Examination, June 2019****Subject : Pharmacognosy and Phytopharmaceuticals****Time: 3 Hrs****Max. Marks: 70****Note:** Answer all Questions from Part-A, Answer any Five Questions from Part-B.**PART- A (10x2 = 20 Marks)**

1. Define the terms Pharmacognosy and Crude drug.
2. Write the advantages of cultivation of crude drugs.
3. Write the components and functions of plant cell wall.
4. Give the general microscopic characters of a bark drug.
5. Give the powder microscopic characters of senna leaf let.
6. Write two chemical tests for tannins.
7. Name different analytical parameters for fats and oils.
8. Write biological source and uses of bees wax.
9. Write a note on gelatine.
10. Write the functions of surgical dressings.

PART-B (5X10 = 50 Marks)

- | | |
|--|----|
| 11. a) Write taxonomical and pharmacological classification of crude drugs. | 6 |
| b) Write the functions of various organelles of a plant cell. | 4 |
| 12. Explain the cultivation, collection, processing and storage of crude drugs briefly. | 10 |
| 13. a) Explain the microscopic characters of clove flower bud with a neat labelled diagram. | 5 |
| b) Explain the microscopic characters of ephedra stem with a neat labelled diagram. | 5 |
| 14. a) What are natural pesticides? Write about any one natural pesticide. | 5 |
| b) What are alkaloids? Write the chemical tests for alkaloids. | 5 |
| 15. Write notes on Honey and starch. | 10 |
| 16. a) Write the chemical tests for identification of carbohydrates. | 5 |
| b) Write different tests for analysis of oils and fats. | 5 |
| 17. Write BS, method of preparation, composition and uses of shark liver oil and cocoa butter. | 10 |
| 18. a) Write BS, preparation and uses of absorbent cotton. | 6 |
| b) What is adulteration? Mention different types of adulteration. | 4 |
