

FACULTY OF PHARMACY**Pharm D (6-YDC) II-Year (Instant) Examination, February 2020****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. Write the scope of Pharmacognosy.
2. Define the terms crude drug and adulteration.
3. Write note on storage of crude drugs.
4. Write the functions of plant cell wall.
5. Give the general microscopic characters of a leaf drug.
6. Give the powder microscopic characters of clove flower bud.
7. Write two chemical tests for carbohydrates.
8. Name different analytical parameters for fats and oils.
9. Write the classification of proteins.
10. Write the functions of surgical dressings.

PART-B (5x10 = 50 Marks)

11. a) Explain morphological and chemical classification of crude drugs with suitable examples. 5
b) Write a note on factors effecting cultivation of crude drugs. 5
12. a) Write abt different non -living cell inclusions (ergastic substances). 4
b) Explain the microscopic features fennel fruit with a neat labelled diagram. 6
13. a) What are natural pesticides? Write abt any one natural pesticide. 5
b) What is aseptic propagation? Write its advantages. 5
14. a) Explain the importance of different plant growth regulators. 6
b) Write the biological srce, chemical co nstituents and uses of any one Volatile oil yielding crude drug. 4
15. Write the pharmacognostic details of tragacanth. 10
16. a) Write BS, CC and uses of shark liver oil and bees wax. 6
b) Write a note on analysis of lipids. 4
17. a) What are glycosides? Classify glycosides. 5
b) What are tannins? Classify tannins with suitable examples. 5
18. a) Explain adulteration of crude drugs. 7
b) Write BS, CC and uses of a natural fibre yielding crude drug. 3
