

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Regular/Supplementary
Examinations April 2021
Pharmacognosy and Phytochemistry I
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *Answer all questions to the point neatly and legibly* • *Do not leave any blank pages between answers* • *Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together* • *Leave sufficient space between answers*
- *Draw diagrams wherever necessary*

Essays

(2x10=20)

1. Define lipids. Write a note on source, method of production, constituents, tests and uses of castor oil.
2. Explain in detail about the organoleptic and chemical methods of evaluation of crude drugs.

Short Notes

(7x5=35)

3. Classify tannins with examples.
4. Write the applications of plant tissue culture in pharmacognosy.
5. Discuss on source and method of collection of wool fat.
6. Preparation and standardization of allergenic extracts.
7. Discuss the role of pharmacognosy in ayurvedic system of medicine.
8. Explain taxonomical system of classification of crude drugs.
9. Method of preparation and constituents of cotton.

Answer Briefly

(10x2=20)

10. Define garbling.
11. What are plant growth regulators. Give Examples.
12. Mention the source and uses of bromelain.
13. Write the general test for identification of alkaloids.
14. Define grafting.
15. What are the methods to collect bark drugs.
16. Differentiate acacia from agar by chemical test.
17. Define crude drugs with examples.
18. What are volatile oils. Give examples.
19. Define mutation.
