

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Regular/Supplementary
Examinations February 2024
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. Give a detailed account of chemical and biological evaluation of crude drugs.
2. Discuss the various external factors affecting the cultivation of medicinal plants.

Short Notes

(7x5=35)

3. Discuss about mutation and polyploidy
4. Nutritional requirements of plant tissue culture
5. Classification of Alkaloids
6. Types of plant tissue culture
7. Source, constituents and uses of cotton and jute.
8. What are Hallucinogens and write a note on any one such drug
9. Write note on proteolytic enzymes

Answer Briefly

(10x2=20)

10. Tissue culture as source of medicinal compounds
11. Standardization of allergenic extract
12. Serotaxonomical classification of drugs of natural origin
13. Cryopreservation
14. Source, constituents and uses of acacia
15. Definition of Siddha and Ayurveda.
16. Explain on chaulmoogra oil
17. Chemical tests for Gelatin
18. Anticancer drugs of marine source
19. Calibration of eye piece micrometer
