

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Regular/Supplementary
Examinations December 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. Discuss in detail the Ex situ methods of conservation of medicinal plants.
2. Give a detailed account of various leaf constants with suitable examples.

Short Notes

(7x5=35)

3. History of Pharmacognosy
4. Edible vaccines
5. Identification tests for Flavonoids and Tannins
6. Historical developments of plant tissue culture
7. Calibration of eye piece micrometer
8. Plant hormones as growth promoters
9. Source, constituents and uses of Starch and Honey

Answer Briefly

(10x2=20)

10. Contributions of Charaka and Sushruta
11. Define allergens with examples
12. Types of Camera Lucida
13. Methods of drying of medicinal plants
14. Classification of Resins with examples
15. Organoleptic evaluation
16. Preparation of medicinal castor oil
17. Differentiate between Proteins and Enzymes with examples
18. Colchicine and its uses
19. Goldbeater's skin test
