

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Regular/Supplementary
Examinations November 2025
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. Elaborate on chemical and physical evaluation of crude drugs with examples
2. Discuss processing and storage of crude drugs

Short Notes

(7x5=35)

3. Explain the principle of Siddha system of medicine
4. Historical development of plant tissue culture
5. Briefly explain various factors affecting the cultivation of medicinal plants
6. Ex situ conservation of medicinal plants
7. Outline the source and method of production of gelatin
8. Write the biological source and method of production of papain
9. Anti-cancer agents from marine source.

Answer Briefly

(10x2=20)

10. Identification tests for starch
11. Distinguish acacia and agar by chemical tests
12. Teratogens
13. Recall source and uses of absorbent cotton
14. Mutation
15. Source and uses of honey
16. General tests for alkaloids
17. Define glycosides with examples
18. Lycopodium spore method
19. Differentiate organized and unorganized crude drugs
