

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations
March 2026**

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. Briefly explain the types of plant tissue culture. Discuss the various applications of plant tissue culture in Pharmacognosy
2. Explain in detail about evaluation of crude drugs by organoleptic and microscopic methods

Short Notes

(7x5=35)

3. Differentiate between organized and unorganized crude drugs
4. Enumerate about the factors effecting the cultivation of medicinal plants.
5. Write a note on cannabis
6. What are edible vaccines. Write their advantages
7. Write the biological source, chemical constituents and uses of Agar
8. Explain in detail about starch
9. Define and classify the glycosides. Explain the identification tests for steroidal glycosides.

Answer Briefly

(10x2=20)

10. Write about the different sources of drugs
11. Define and classify resins with examples
12. Illustrate the applications of plant hormones
13. Write a note on colchicine
14. Write the biological source, chemical constituents and uses of Tobacco
15. What are proteolytic enzymes. Give the source and uses of any two proteolytic enzymes
16. Explain the principle of Siddha system of medicine
17. Write the identification tests for detection of Tannins
18. Explain about biological source, chemical constituents and uses of Honey
19. Write about the polyploidy
