

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations
July 2023**

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 the general aspects of cultivation and collection of medicinal plants.
2. Discuss briefly the role of Pharmacognosy in Ayurveda, Siddha, Unani, and Chinese systems of medicine.

Short Notes

(7x5=35)

3. Distinguish between organized and unorganized crude drugs
4. Applications of plant tissue culture in Pharmacognosy
5. Define and classify Volatile oils
6. Discuss about ex situ conservation of medicinal plants
7. What are teratogens, give the source, constituents and uses of Colchicum
8. Cardiovascular agents of marine source
9. Source and uses of Streptokinase and Urokinase

Answer Briefly

(10x2=20)

10. Write note on dried latex with examples
11. Preparation of Bees wax
12. Define stomatal index and stomatal number
13. Write the biological source constituents and uses of Hemp.
14. Phases of growth in plant tissue culture
15. Differences between primary and secondary metabolites
16. Give the source, constituents and uses of agar
17. Source and uses of an enzyme from animal source
18. Chemical tests for flavonoids
19. Source, constituents and uses of castor oil
