

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations  
March 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. Explain in detail about the in situ and ex-situ conservation of medicinal plants.
2. a) Explain short note on types of Plant hormones.  
b) Write a brief note on Polyploidy, mutation and hybridization related to medicinal plants.

**Short Notes**

**(7x5=35)**

3. Write a short note on chemo and sero-taxonomical classification of drugs.
4. Describe in detail identification tests for alkaloids.
5. Explain about biological source, chemical constituents and uses of Cannabis and jute.
6. Write a short note on source, chemical constituents and uses of chaulmoogra oil.
7. Write a short note on principle of Siddha system of medicine.
8. Discuss marine drugs as a source of anticancer with example.
9. Write a short note on classification of glycosides.

**Answer Briefly**

**(10x2=20)**

10. Write a brief note on scope of Pharmacognosy.
11. Enlist the types of adulteration.
12. Define mutation with example.
13. Enlist the leaf constants.
14. Define volatile oils with example.
15. Write a short note on source and therapeutic uses of gelatin.
16. Enlist the types of treatment methods in Unani system of medicine.
17. Goldbeater's skin test.
18. Define and write a note on functions of gibberellin.
19. Write a note on Papain.

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