

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations
December 2021**

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. Define evaluation of crude drugs. Explain microscopic evaluation of crude drugs with examples.
2. Explain the various steps and parameters involved in processing and storage of crude drugs quoting examples.

Short Notes

(7x5=35)

3. Explain pharmacological system of classification of crude drugs.
4. Differentiate organized crude drugs from unorganized crude drugs with examples.
5. Discuss plant hormones with their applications in pharmacognosy.
6. Define alkaloids and give the general chemical tests for alkaloids.
7. Honey.
8. Explain vegetative method of propagation of medicinal plants.
9. Discuss the various nutritional requirements in plant tissue culture.

Answer Briefly

(10x2=20)

10. Name the various factors that affect cultivation of medicinal plants.
11. Chemical test for acacia.
12. Write the biological source, chemical constituents and uses of cannabis.
13. Shapes of bark drugs.
14. Define teratogens with examples.
15. What is explant.
16. Define adulteration.
17. Mention the source, constituents and uses of chaulmoogra oil.
18. Give the sources of pepsin and casein.
19. What are primary metabolites. Give examples.
