

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Regular/Supplementary
Examinations June 2022
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 chemical and morphological systems of classification of crude drugs with examples, their advantages and disadvantages.
2. Define adulteration. Discuss various types and methods of adulteration in crude drugs with suitable examples.

Short Notes

(7x5=35)

3. Scope of pharmacognosy.
4. Explain lycopodium spore method to determine the purity of crude drugs.
5. Classify glycosides with examples.
6. Explain the various phases of growth in plant tissue culture.
7. What are hallucinogens? Add a note on cannabis as a hallucinogen.
8. Write the source, method of collection and constituents of tragacanth.
9. Discuss marine drugs as a source of antivirals with examples.

Answer Briefly

(10x2=20)

10. Define pharmacognosy.
11. Mention the source, active constituents and uses of gelatin.
12. What is Stomatal Index?
13. Methods of seed propagation.
14. Write the chemical tests for flavonoids.
15. Define glycosides.
16. Give the source, family and constituents of a plant fibre.
17. What are the usual adulterants of honey and how it is tested.
18. Define hybridization.
19. Confirmatory test for castor oil.
