

QP Code: 425006

Reg. No.....

**Fourth Semester B.Pharm Degree Supplementary Examinations
December 2019**

Pharmacognosy and Phytochemistry I

(2017 Scheme)

Time: 3 Hours

Max. Marks: 75

- Answer all questions
- Draw diagrams wherever necessary

Essays

(2x10=20)

1. Define pharmacognosy. Write the history, scope and development of pharmacognosy.
2. Explain in brief conservation of medicinal plants and its importance's.

Short Notes

(7x5=35)

3. Explain the different methods of cultivation of crude drugs.
4. Define adulteration and explain the different methods of adulteration of crude drugs with examples.
5. Write applications of plant tissue culture in pharmacognosy.
6. Write the role of pharmacognosy in ayurvedic system of medicine
7. Define and classify alkaloids with suitable examples.
8. Write the pharmacognosy of cotton.
9. Write the chemical tests for the identification of acacia.

Answer Briefly

(10x2=20)

10. Differentiate organized and unorganized crude drug.
11. Define stomatal number and vein islet number.
12. Name any two plant hormones and its applications.
13. Enumerate the merits and demerits of cultivation.
14. Define and classify plant tissue culture.
15. Gold beater skin test
16. Biological source and chemical constituents of tobacco.
17. Method of preparation of agar.
18. Source and pharmaceutical uses of bee's wax.
19. Name any four antiviral drugs from marine source.
