

**QP Code: 425006**

**Reg. No.....**

**Fourth Semester B.Pharm Degree Examinations July 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 evaluation. Explain the different methods of evaluation of crude drugs.
2. What is plant tissue culture. Mention the types of cultures. Write a note on historical development and application in Pharmacognosy.

**Short Notes**

**(7x5=35)**

3. Write the definition and scope of Pharmacognosy.
4. Write short note on Cotton
5. Define and classify plant hormones.
6. Write the principle involved in the Homeopathy system of medicine.
7. Define and classify resins with suitable examples.
8. Plant allergens.
9. Describe the biological source, preparation, chemical constituents and uses of wool fat

**Answer Briefly**

**(10x2=20)**

10. Merits and demerits of pharmacological classification of crude drugs.
11. Define adulteration and substitution.
12. Different methods of drying of crude drugs.
13. Define soil and soil fertility.
14. What are explants.
15. Chemical test for the identification of flavonoid.
16. Describe the biological source and uses of honey.
17. Different sources of starch.
18. Describe the source and therapeutic uses of urokinase.
19. Name any four antimicrobial drugs from marine source.

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