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Course : B. Pharmacy Sem: IV  
Subject Name : Pharmacognosy & Phytochemistry I Subject Code : BP405T  
Max Marks : 75 Duration : 3 Hr.

- Instructions: [Get Latest Pharma Private/ Govt. Job updates | Download B. Pharma/ D. Pharma University Exam Papers | Previous Pharmacist/ BI/ GPAT/ NIPER Papers | Pharma News Updates | D. Pharma Notes | Pharmacy College Informations | Pharma Industry Updates](https://pharmacyindia.co.in/)
- All questions are compulsory
  - Draw diagrams / figures wherever necessary [Visit: https://pharmacyindia.co.in](https://pharmacyindia.co.in/)
  - Figures to right indicate full marks

Q. 1. Objective Type Questions (Answer all the questions) (10 x 2) = 20

- What are alkaloids <https://pharmacyindia.co.in/>
- Enlist the different methods and significance of drying method?
- What are edible vaccines?
- Define pharmacognosy. Who coined the term pharmacognosy?
- Mention any two drugs from Protein and proteolytic enzyme category.
- Define Stomatal Number with Ex. <https://pharmacyindia.co.in/>
- Explain any two chemical tests for Flavonoids.
- Explain the MOA of Gibberellins
- State any four Traditional Chinese Medicine therapies.
- State the biological source of cotton? <https://pharmacyindia.co.in/>

Q. 2. Long Answers (Answer 2 out of 3) (2 x 10) = 20

- Classify the crude drugs on the basis of their morphology, Pharmacological activity with numerous examples. <https://pharmacyindia.co.in/>
- What are the methods of adulterations involved in crude drug? Write a detailed note on physical evaluation of crude drugs.
- What is PTC? Discuss the various nutritional requirements of plant tissue culture?

Q. 3. Short Answers (Answer 7 out of 9) <https://pharmacyindia.co.in/> (7 x 5) = 35

- Explain the Ayurvedic system of medicine and its role in pharmacognosy.
- Discuss pharmacognostic profile of Tragacanth
- Define Tannins? Give its classification
- Explain novel medicinal plants from marine sources <https://pharmacyindia.co.in/>
- Explain the specific chemical test for Anthraquinone and Cardiac glycosides.
- Write the short note on Natural allergens.
- Define Alkaloids and Give its classification and identification tests.
- Define Ash value. Explain the determination of Ash value
- Write the biological source, chemical constituents and uses of bees wax and honey

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