

(Following Paper ID and Roll No. to be filled in your  
Answer Books)

**Paper ID : 150204**

Roll No.

**B.PHARM.**

**Theory Examination (Semester-II) 2015-16**

**PHARMACOGNOSY-I**

*Time : 3 Hours*

*Max. Marks : 100*

**Section-A**

**1. Attempt all parts. Each carries equal marks.**

(2×10 = 20)

- (a) Define Pharmacognosy.
- (b) What do you understand by organised and unorganised drugs?
- (c) What is the role of fertilisers in plant cultivation?
- (d) Define pest and pesticides with suitable examples.
- (e) What is the use of Isabgol.

- (f) Name any two drugs which can be used as suspending agent.
- (g) Fiehe's test is used for the detection of impurities in Honey. Clarity it.
- (h) What do you understand by plant tissue culture technique?
- (i) Write biological source, chemical constituent and uses of Guar-gum.
- (j) Write biological source and chemical test for Tragacanth.

### **Section-B**

**2. Attempt any five questions.** (10×5 = 50)

- (a) Write a brief note on scope and development of Pharmacognosy.
- (b) Discuss about various sources of crude drugs. Mention mineral sources of drugs.

- (c) What is the role of leaf in plant development? Differentiate between simple and compound leaf along with atleast two suitable examples of each.
- (d) What are natural pesticides? Explain in brief about natural pest controlling agents.
- (e) What are the differences between polyhouse and green house? Discuss its role in plant cultivation.
- (f) Define Mutation. Write a detailed note on different types of mutation along with its application in pharmacognosy.
- (g) Write biological source and method of preparation of Honey.
- (h) Differentiate between Cod-liver oil and Shark-liver oil.

### **Section-C**

**Attempt any two questions.**

(15×2 = 30)

3. What do you understand by the term 'Crude drug'? Describe various classification patterns and explain in detail about pharmacological classification of crude drugs.

4. Write the definition of Adulteration. Describe in detail about different types of adulteration with suitable examples.
  
5. What are Carbohydrates? Define it. Write a detailed pharmacognostic note on Starch.