

**Subject Code: B132102/R13****II B. Pharmacy I Semester Regular Examinations Dec. – 2014****PHARMACOGNOSY-I****Time: 3 hours****Max. Marks: 70**

Question Paper Consists of **Part-A** and **Part-B**  
Answering the question in **Part-A** is Compulsory,  
Three Questions should be answered from **Part-B**

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**PART-A**

- 1.(i) Discuss the Indian system of medicine?
- (ii) Write the chemical classification of crude drugs with suitable examples?
- (iii) Define soil fertility and classify soils based on the size of mineral matter?
- (iv) Explain the lycopodium spore method?
- (v) Classify the gums based on their types of occurrence?
- (vi) Write the chemical tests for identification of fixed oils and fats?

[4+4+3+4+4+3]

**PART-B**

- 2.(a) Explain the methods of pest control with suitable examples?  
(b) Write the systematic pharmacognostic study of Guar gum?  
[10+6]
- 3.(a) Define adulteration? Explain the types of adulteration with suitable examples?  
(b) Write the systematic pharmacognostic study of Shark liver oil?  
[8+8]
- 4.(a) Define Volatile oils? Write the systematic pharmacognostic study of Eucalyptus oil?  
(b) Discuss about marine sources of drugs with suitable examples?  
[8+8]
- 5.(a) Define Pharmacognosy? Write a brief note on history of Pharmacognosy?  
(b) Define and discuss Mutation?  
[10+6]
- 6.(a) Discuss about Unani system of medicine?  
(b) Write a note on biological evaluation of crude drugs?  
[6+10]
7. Write the Biological Source, Chemical Constituents, Identification Tests and Uses of following:  
(i) Acacia  
(ii) Agar  
(iii) Wool fat  
(iv) Castor oil  
[4+4+4+4]