

**II B. Pharmacy II Semester Supplementary Examinations, April/May - 2019**  
**PHARMACOGNOSY-I**

Time: 3 hours

Max. Marks: 70

- Note: 1. Question Paper consists of two parts (**Part-A** and **Part-B**)  
2. Answering the question in **Part-A** is Compulsory  
3. Answer any **FOUR** Questions from **Part-B**
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**PART -A**

1. a) Differentiate Unani and Siddha system of medicine. (2M)
- b) Write examples for marine as a source for crude drugs. (2M)
- c) Write advantages and disadvantages of alphabetical system of crude drug classification. (2M)
- d) What is polyploidy? (2M)
- e) Define 'adulterant' and 'substituent' of a crude drug. (2M)
- f) What is an oleo-gum-resin? (2M)
- g) Write chemical tests for acacia. (2M)

**PART -B**

2. a) Discuss the history, evolution, relevance and importance of pharmacognosy. (9M)
- b) Write in brief on principles and uses of Homeopathy. (5M)
3. Write the principle, procedure, applications and problems involved in chemotaxonomy. (14M)
4. a) Write in detail on the role of soil, altitude and humidity on cultivation of medicinal plants. (9M)
- b) Write in brief on hybridization technique used in medicinal plant cultivation. (5M)
5. a) Write in detail about different methods of adulteration of crude drugs. (7M)
- b) Write in detail about organoleptic & microscopic methods of evaluation. (7M)
6. Write in detail on (14M)  
(a) Honey (b) Pectin
7. Write systematic pharmacognostic study on (14M)  
(a) Benzoin (b) Arjuna