

Code No: PHR16223

R16**SET - 1****II B. Pharmacy II Semester Supplementary Examinations, Nov - 2018**
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**

~~~~~

**PART -A**

1. a) What is the significance of pharmacognosy. (2M)
- b) What is the significance of classifying crude drugs? (2M)
- c) Write the examples of marine source as a source of natural products. (2M)
- d) What is polyploidy? (2M)
- e) What are adulterants? (2M)
- f) Write chemical tests for tannins. (2M)
- g) What is an oleo-gum resin? (2M)

**PART -B**

2. a) Write in detail on history and development of pharmacognosy. Add a note on Ayurveda. (9M)
- b) Write short note on microbes as a source of natural products. (5M)
3. a) Write in detail on chemotaxonomy. (8M)
- b) Compare pharmacological and morphological classification. (6M)
4. a) Discuss the importance of soil, temperature and altitude on cultivation of medicinal plants. (8M)
- b) Write a note on good agricultural practices. (6M)
5. a) Write in detail on microscopy as a method for identification of adulterants. (8M)
- b) What is hybridization? Write in brief on its significance in pharmacognosy. (6M)
6. Write detailed pharmacognostic study of (14M)  
(a) Starch (b) Honey
7. a) Write source, preparation, chemical constituents and uses of Shark liver oil. (7M)
- b) Write in detail on Arjuna. (7M)