Printed Pages: 01   **Sub Code: RPH209**

Paper Id: | 150237 | **Roll No.**

B. PHARM.
(SEM-II) THEORY EXAMINATION 2017-18
PHARMACOGNOSY-I

Time: 3 Hours   *Total Marks: 70*

Note: **1.** Attempt all Sections.

SECTION A

1. **Attempt *all* questions in brief.**   **2 x 7 = 14**
   a. Define Pharmacognosy.
   b. Give an example of antiviral agent of marine origin.
   c. Write an example of reticulate and parallel venation.
   d. Give an example each of insecticide and herbicide.
   e. Define Palisade Ratio.
   f. Write the formula for Stomatal Index.
   g. How will you determine purity of given Honey sample.

SECTION B

2. **Attempt any *three* of the following:**   **7 x 3 = 21**
   a. Describe the morphological classification of drugs with examples.
   b. Describe the structure of Gram seed and Maize grain.
   c. Elaborate various methods of Pest management.
   d. Describe various methods for Evaluation of crude drugs.
   e. Describe official source, chemical constituents and uses of any two drugs containing Lipids.

SECTION C

3. **Attempt any *one* part of the following:**   **7 x 1 = 7**
   a. Describe the chemical classification of drugs with examples.
   b. Discuss the scope and development of Pharmacognosy.

4. **Attempt any *one* part of the following:**   **7 x 1 = 7**
   a. Draw a well labeled diagram of leaf. Discuss Phyllotaxy.
   b. Define Fruits. Classify them giving examples.

5. **Attempt any *one* part of the following:**   **7 x 1 = 7**
   a. Describe the types of Fertilizers and their role in plant growth.
   b. Discuss the various factors affecting cultivation of medicinal plants.

6. **Attempt any *one* part of the following:**   **7 x 1 = 7**
   a. Discuss various pharmacological parameters for evaluation of crude drugs.
   b. How will you evaluate purity of crude drugs by Physical methods?

7. **Attempt any *one* part of the following:**   **7 x 1 = 7**
   a. Elaborate the systematic Pharmacognosy of Honey.
   b. Give the biological source, chemical constituents and uses of Castor Oil and Cocoa Butter.