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**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**
- Define Pharmacognosy.
  - Give an example of antiviral agent of marine origin.
  - Write an example of reticulate and parallel venation.
  - Give an example each of insecticide and herbicide.
  - Define Palisade Ratio.
  - Write the formula for Stomatal Index.
  - How will you determine purity of given Honey sample.

**SECTION B**

- 2. Attempt any three of the following: 7 x 3 = 21**
- Describe the morphological classification of drugs with examples.
  - Describe the structure of Gram seed and Maize grain.
  - Elaborate various methods of Pest management.
  - Describe various methods for Evaluation of crude drugs.
  - 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**
- Describe the chemical classification of drugs with examples.
  - Discuss the scope and development of Pharmacognosy.
- 4. Attempt any one part of the following: 7 x 1 = 7**
- Draw a well labeled diagram of leaf. Discuss Phyllotaxy.
  - Define Fruits. Classify them giving examples.
- 5. Attempt any one part of the following: 7 x 1 = 7**
- Describe the types of Fertilizers and their role in plant growth.
  - Discuss the various factors affecting cultivation of medicinal plants.
- 6. Attempt any one part of the following: 7 x 1 = 7**
- Discuss various pharmacological parameters for evaluation of crude drugs.
  - How will you evaluate purity of crude drugs by Physical methods?
- 7. Attempt any one part of the following: 7 x 1 = 7**
- Elaborate the systematic Pharmacognosy of Honey.
  - Give the biological source, chemical constituents and uses of Castor Oil and Cocoa Butter.