

**B. PHARM**  
**(SEM II) THEORY EXAMINATION 2018-19**  
**PHARMACOGNOSY -I**

Time: 3 Hours

Total Marks: 100

Note: Attempt all Sections. If require any missing data; then choose suitably.

## SECTION A

- 1. Attempt all questions in brief. (2X10=20)**
- Define mucilage.
  - Write the chemical test for reducing sugar.
  - Write the biological source of honey.
  - Define the term Pharmacognosy.
  - Define quality control.
  - Write down the biological source of castor oil.
  - Define stomatal index.
  - Write down the chemical test for hydnocarpus oil.
  - Cod liver oil is used or rickets.....(True/False)
  - Differentiate between monocot and dicot root.

## SECTION B

- 2. Attempt any three of the following: (10X3=30)**
- Write a note on history and development of Pharmacognosy.
  - Discuss biological and mineral sources of crude drugs with suitable examples.
  - Define inflorescence and classify it.
  - Write a note on soil and soil fertility.
  - Define hybridization. Hybrids of any plant species yield more amount of phytoconstituents as compared to their parent plant- Discuss.

## SECTION C

- 3. Attempt any one part of the following: 10 x 1 = 10**
- Write down the pharmacognosy of Cod liver oil.
  - Write in details about classification of crude drugs.
- 4. Attempt any one part of the following: 10 x 1 = 10**
- Write down biological source, chemical constituents and uses of Isabgol.
  - Write down about the preparation different types of starch and differentiate their morphology.
- 5. Attempt any one part of the following: 10 x 1 = 10**
- Discuss the different types of fertilizers
  - What are the different types of cultivation techniques?
- 6. Attempt any one part of the following: 10 x 1 = 10**
- Discuss the anatomy of monocot and dicot stem.
  - Define inflorescence. Classify it.
- 7. Attempt any one part of the following: 10 x 1 = 10**
- Write in detail about the evaluation of crude drugs.
  - Write down the chemical tests for carbohydrates. Write in detailed about preparation of starch.