

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=16)**
- Define carpel.
 - Write the chemical test for digitoxose sugar.
 - Write the biological source of datura
 - Formula of stomatal index.....
 - Differentiate between amylose and amylopectin.
 - Auxin is used for.....
 - Name some biofertilizers.
 - 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: 10 x 3 = 30**
- Write a note on scope and development of Pharmacognosy.
 - Discuss the various sources of crude drugs with suitable examples.
 - Give the official source, active constituents and uses of pectin and lard.
 - Write a note on soil and soil fertility.
 - Hybrids of any plant species yield more amount of phytoconstituents – Discuss.

SECTION C

- 3. Attempt any one part of the following: 10 x 1 = 10**
- Write in detail about the physical and chemical evaluation of crude drugs.
 - Write down the chemical tests for starch. Write in detailed about preparation of starch from different sources.
- 4. Attempt any one part of the following: 10 x 1 = 10**
- Write in details about natural pesticide.
 - Describe the qualitative microscopy.
- 5. Attempt any one part of the following: 10 x 1 = 10**
- Write in details about the WHO guidelines for standardization of crude drugs.
 - What are the different pest control techniques?
- 6. Attempt any one part of the following: 10 x 1 = 10**
- Write in details about biological source, chemical constituents and uses of linseed oil.
 - Write in details about biological source, preparation and uses of honey.
- 7. Attempt any one part of the following: 10 x 1 = 10**
- Write down the pharmacognosy of Cod liver oil.
 - Write in details about the classification of crude drugs