

B.Pharm I Year II Semester (R15) Supplementary Examinations December 2017

**PHARMACOGNOSY – I**

Time: 3 hours

Max. Marks: 70

**PART – A**  
(Compulsory Question)

\*\*\*\*\*

- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Define crude drugs.
  - (b) Write the scope of pharmacognosy.
  - (c) Write about mutation with reference to medicinal plants.
  - (d) Discuss the advantages of cultivation of crude drugs.
  - (e) What is Pectin? Write the chemical test for Pectin.
  - (f) Write the source, constituents and uses of Acacia.
  - (g) Explain Gambier-Fluorescin test.
  - (h) Give the significance of animal fibres.
  - (i) Write the biological source, family and uses of Beeswax.
  - (j) Define and classify lipids.

**PART – B**  
(Answer all five units, 5 X 10 = 50 Marks)

**UNIT – I**

- 2 Discuss the role of pharmacognosy and its contributions in the development of pharmaceutical sciences.

**OR**

- 3 Explain with examples the various sources of natural drugs.

**UNIT – II**

- 4 Write in detail about the plant growth hormones and its applications.

**OR**

- 5 What are the factors influencing cultivation.

**UNIT – III**

- 6 Write in detail the biological source, family, collection, chemical constituents and chemical test for honey.

**OR**

- 7 Differentiate gums and mucilages. Explain the pharmacognosy of Tragacanth.

**UNIT – IV**

- 8 Write the source, family, method of manufacture, chemical constituents, chemical tests for surgical cotton.

**OR**

- 9 Write the pharmacognosy of:

- (a) Arjuna bark.
- (b) Myrobalan.

**UNIT – V**

- 10 Discuss the preparation of Castor oil. How will you detect the adulteration of the same?

**OR**

- 11 Explain the source, preparation, chemical constituents and uses of Cod liver oil.

\*\*\*\*\*