

B.Pharm II Year II Semester (R15) Regular Examinations May/June 2017

**PHARMACOGNOSY – I**

Time: 3 hours

Max. Marks: 70

**PART – A**

(Compulsory Question)

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- 1 Answer the following: (10 X 02 = 20 Marks)
- (a) Define un-organized drugs with examples.
  - (b) Write the applications of auxins and cytokinins.
  - (c) Define chemotaxonomy.
  - (d) Differentiate between plant fibres and animal fibres.
  - (e) Explain drying process/techniques of crude drugs.
  - (f) Write the sources and uses of Gaur gum.
  - (g) Write Goldbeater's skin test.
  - (h) Write chemical nature of pectin.
  - (i) Write source, c.c and uses of rice bran oil.
  - (j) Define Ester value and saponification value.

**PART – B**

(Answer all five units, 5 X 10 = 50 Marks)

**UNIT – I**

- 2 Define pharmacognosy. Write the development, history and scope of pharmacognosy.

**OR**

- 3 Write the biological source, chemical constituents and uses of two drugs from Marine and Animal sources.

**UNIT – II**

- 4 Discuss WHO guidelines on GACP for medicinal plants.

**OR**

- 5 Define polyploidy, mutation and hybridization. Write their applications in improving the quality and quantity of crops.

**UNIT – III**

- 6 What are carbohydrates? Describe the pharmacognostic study of Acacia and Agar.

**OR**

- 7 Describe the pharmacognosy of starch and isabgol.

**UNIT – IV**

- 8 Write the source, c.c, chemical tests and uses of pale catechu and black catechu.

**OR**

- 9 Write the source, preparation and identification of silk and wool.

**UNIT – V**

- 10 Describe the systemic pharmacognosy of cod liver oil.

**OR**

- 11 Describe the systemic pharmacognosy of shark liver oil.

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