

Code: 13R00404

**R13**

B.Pharm II Year II Semester (R13) Supplementary Examinations December 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)
- Define pharmacognosy.
  - Explain alphabetical classification of crude drugs.
  - Define polyploidy and mutation.
  - Explain macroscopic evaluation.
  - Give an account on extractive values.
  - Explain about types of stomata.
  - Write source & uses of olive oil.
  - Write source and uses of cocoa butter.
  - Explain chemotaxonomy.
  - Write an account on Pseudotaxus.

**PART – B**

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

**UNIT – I**

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

**OR**

- 3 Write B.S., C.C and uses of two drugs each from marine and microbial sources.

**UNIT – II**

- 4 Describe WHO guide lines on GACP for medicinal plants.

**OR**

- 5 Explain the factors influencing evaluation of plants.

**UNIT – III**

- 6 Explain physical and chemical methods of evaluation of crude drugs.

**OR**

- 7 Explain the microscopic and biological evaluation.

**UNIT – IV**

- 8 Describe the pharmacognosy of Agar & Acacia.

**OR**

- 9 Define and classify Tannins. Write the B.S, C.C and chemical tests and uses of Pale catechu & black catechu.

**UNIT – V**

- 10 Write B.S, C.C uses, chemical tests uses and methods of extraction of Cod liver oil shark liver oil.

**OR**

- 11 Write the B.S, C.C uses, chemical tests uses and methods of extraction of hydnocarpus oil and Spermaceti.

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