



(Following Paper ID and Roll No. to be filled in your Answer Book)

**PAPER ID : 150210**

Roll No.

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### B. Pharm.

#### (SEM. II) THEORY EXAMINATION, 2014-15 PHARMACOGNOSY-I

Time : 3 Hours]

[Total Marks : 80

#### Section-A

**Note :** Attempt all Questions.

**(1×16)**

- a. The arrangement of flowers are called as .....
- b. Inferior ovary is represented by .....
- c. Define hybridization .
- d. Name any two plants of Rubiaceae family.
- e. Carpel is the unit of .....
- f. Cytokinin is used as .....
- g. Wool fat is obtained from .....
- h. Isabgol is used as .....
- i. Define stomatal index .
- j. Give any two example of nitrogen containing fertilizers .
- k. Opium belongs to family .....
- l. Cod liver oil is used in treatment of rickets .....T/F.
- m. Killer kelliani test is done for the identification of .....
- n. Who coined the term "Pharmacognosy" in 1815 ?
- o. Bassorin is the chemical constituent of .....
- p. The old name of Pharmacognosy is .....

## Section-B

**Note :** Attempt any **six** Question. **(6×4=24)**

- a. Describe Polyploidy with reference to medicinal plants.
- b. Explain different types of stomata with suitable diagram.
- c. Give official source, chemical constituents and uses of pectin and Lard.
- d. Discuss the diagnostic characters of the family Solanaceae.
- e. Describe chemical classification of drugs.
- f. Define pharmacognosy and write its historical development.
- g. Write a Pharmacognostic note on Starch.

## Section-C

**Note :** Attempt any **four** Question. **(10×4=40)**

- a. Explain pest management and write a note on natural pest control agents.
- b. Enlist factors influencing cultivation of medicinal plants. Discuss fertilizers of common use.
- c. Discuss the physical method of evaluation for the detection of adulterants.
- d. Describe Quantitative microscopy.
- e. Explain the WHO guidelines for standardization of medicinal plants.