

Printed Pages : 2



BOP-124

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

**PAPER ID : 150204**

Roll No.

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**B. Pharm.**

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

Time : 3 Hours]

[Total Marks : 70

**Section – A****Note :** Attempt **all** Questions :**1×14**

- (a) Write the symbol for inferior ovary .....
- (b) Outer region of wood is called as .....
- (c) Complete flower means .....
- (d) The arrangement of flowers is called as inflorescence ...T/F.
- (e) Stamen is the unit of .....
- (f) Name any one natural pest control agents.....
- (g) Starch with iodine solution gives ..... colour.
- (h) Biological source of Guar gum is .....
- (i) Formula for stomatal index.....
- (j) Guard cell is the part of .....
- (k) Sessile leaf means .....
- (l) Cod liver oil is used in treatment of rickets .....T/F.
- (m) Hesperidium type of fruits are found in .....
- (n) Who coined the term "Pharmacognosy" in 1815 ?

**150204]****1****[ Contd...**

### Section – B

**Note :** Attempt any **six** Questions : **6×4=24**

- (a) Describe hybridization with reference to medicinal plants.
- (b) Write a brief note on plant hormones and their applications.
- (c) Discuss about stomata with suitable diagram and examples.
- (d) Give official source, constituents and uses of Castor oil and honey.
- (e) Write the pharmacognosy of Agar.
- (f) Write about pharmacological classification of drugs.
- (g) Define pharmacognosy and write its historical development.
- (h) Classify fruits with examples.

### Section – C

Attempt any four of the following : **8×4=32**

- (i) Discuss chemotaxonomy and give taxonomical classification with example.
- (ii) Discuss morphology and anatomy of any two of the following –
  - (a) Leaves
  - (b) Barks
- (iii) Give a brief review on polyhouses/green houses for cultivation.
- (iv) Discuss adulteration and various methods of its detection.
- (v) Differentiate between :
  - (i) Lard and suet
  - (ii) Cod liver oil and shark liver oil.