

First Year Pharmacy
PHARMACOGNOSY
(103)

Time : Three Hours

Maximum Marks : 80

- Note :** i) Attempt total *six* questions. Question No.1 is compulsory. From the remaining questions attempt any *five*.
ii) Illustrate your answer with neat sketches wherever necessary.

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1. Attempt any five questions. 10
 - a) What are vitamins?
 - b) Write chemical constituents of following drug.
 - i) Cinchona
 - ii) Digitalis
 - c) Write biological source and uses of papaya.
 - d) Define antirheumatics.
 - e) Give two examples of each family.
 - i) Leguminosae
 - ii) Umbelliferae
 - f) Give family of following drugs.
 - i) Ipecac
 - ii) Sandal wood **RGPVonline.com**
2.
 - a) Give an outline of the method of isolation of Alkaloids. 7
 - b) Discuss the pharmacognostic study of Nutmeg. 7
3.
 - a) What are Fibres classify it, give various identification test for fibres give preparation for absorbent cotton. 7
 - b) What are enzymes? Classify on basis of action give its therapeutic uses with examples. 7

4. Write short notes on (any four) 14
 - a) Cardiotonics **RGPVonline.com**
 - b) Anti tumour drugs
 - c) Differentiate between absorbent and non-absorbent fibres.
 - d) Papaya
 - e) Flavouring agents
5.
 - a) Differentiate between organized and unorganized drug. 7
 - b) Write a note on antiseptic and disinfectants with suitable examples of each. 7
6. Write short notes on (any four) 14
 - a) Catechu
 - b) Beeswax
 - c) Chaulmoogra
 - d) Ergot
 - e) **Acacia**
 - f) **Cannabis**
7. Draw a well labelled diagram of T.S. of following with their description (any one) 14
 - a) Cinchona
 - b) Fennel **RGPVonline.com**

