

PY - 204  
B.Pharmacy II Semester  
Examination, December 2014  
Pharmacognosy -I  
Time : Three Hours  
Maximum Marks : 70

Note: i) Answer five questions. In each question part A, B, C is compulsory and D part has internal choice.

- ii) All parts of each questions are to be attempted at one place.
- iii) All questions carry equal marks, out of which part A and B (Max.50 words) carry 2 marks, part C (Max.100 words) carry 3 marks, part D (Max.400 words) carry 7 marks.
- iv) Except numerical, Derivation, Design and Drawing etc.

- 1. a) Write the name of any two plants of labiates family with their uses.
- b) Rauwolfia and vinca belongs to which family.
- c) Write a note on Leguminosae with example of medicinally important plants.
- d) Describe salient feature of the family papaveraceae. What is opium?

OR

Describe the diagnostic characters of Rubiaceae family. Name any three medicinal plants of Liliaceae family.

- 2. a) Pharmacognosy is derived from two Greek words..... &.....
- b) Give the name of alternative system of medicine.
- c) Describe advantage and disadvantage of chemical classification of crude drugs.
- d) Write definition, history and scope of pharmacognosy.

OR

Discuss taxonomic and therapeutic system of classification of crude drugs.

- 3. a) Explain agricultural pest controlling method.
- b) How humidity affect cultivation of plants?
- c) Advantages of drugs obtained from cultivated plants.
- d) Discuss various natural pest controlling agents..

OR

Describe in brief the factors influencing cultivation of medicinal plants.

- 4. a) Write synonym of Isabgol seed.
- b) Give active constituents of Agar.
- c) Give classification of drug containing carbohydrates.
- d) What do you mean by quality control of drugs? Describe microscopic methods of evaluation of drugs.

OR

What are Lipids? .Classify them and discuss general chemistry of lipids.

- 5. a) Oleo-gum-resin are mixture of.....
- b) Write biological source of linseed oil and kokum butter.
- c) What are Pharmacy aids? Give applications of Bentonite and kaolin.
- d) What are tannins? Give general properties and classification of it.

OR

Write complete pharmacognostical account of Turmeric and Ginger.