

Roll No

PY-204

B.Pharmacy II Semester

Examination, December 2016

Pharmacognosy - I

Time : Three Hours

Maximum Marks : 70

Note: i) Answer any five questions.

ii) All parts of each question 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 numericals, Derivation, Design and Drawing etc.

1. a) Write a note on medicinal plants belonging to family Apocynaceae.
b) Discuss the important characteristic of family umbelliferae.
c) Mentioning salient diagnostic features of family Solanaceae write the important plants of family Solanaceae along with their medicinal uses.
d) Write a detailed note on families yielding plants of medicinal value.
2. a) Define pharmacognosy with its brief historical development.
b) Give an account of various sources from which crude drugs obtained.
c) Discuss in brief the traditional and alternative systems of medicine.
d) Discuss in detail the classification of crude drugs giving proper examples in support.

3. a) Write in brief about the cultivation of medicinal plants along with advantages of medicinal plant cultivation.
b) Give a brief account of drying of crude drugs.
c) What are pests? How the pests can be controlled.
d) Giving proper examples discuss in detail the factors which effect the cultivation of medicinal plants.
4. a) What do you mean by adulteration in crude drugs?
b) Discuss in brief the organoleptic method for evaluation of crude drugs.
c) Write a note on quantitative microscopy.
d) Discuss in detail the physical and chemical methods for evaluation of crude drugs.
5. a) What are carbohydrates? Give their classification .
b) Write a short note on Agar.
c) Define Honey and give its physical and chemical properties with its uses.
d) Write a detailed note on the gums used in pharmacy.
6. a) Define lipids and write their classification giving proper examples.
b) Write a note on castor oil.
c) Discuss source constituents and uses of cod and shark liver oils.
d) Discuss different methods to obtain fixed oils fats and waxes.
7. a) What are Balsams? Discuss them in brief.
b) Write a short note on Black and pale catechu.
c) Write brief notes on Animal fibres kaolin and Gelatin.
d) What are resin and resin combinations? Give their classification and discuss the pharmacognosy of Asafetida.