

Date  
15/10/2010

Final year B. pharm sem VIII (Rev) Examination October 2010  
pharmacognosy III

P4-Exam.-Oct.-10-36

Con. 5285-10.

(REVISED COURSE)

(2 Hours)

DK-5544

[Total Marks : 40

**N.B. :** (1) Question No. 1 is **compulsory**.

(2) Attempt any **four** questions out of the remaining **six** questions.

(3) **Illustrate** answers with **sketches** and structures wherever **required**.

1. (a) Give the pharmacognostic scheme for Rauwolfia. 5  
(b) Give the biogenetic pathway for synthesis of prunasin and write a note on drug containing prunasin. 3
2. (a) Give the source, preparation and uses of papain and bromelain. 5  
(b) Write a note on Ginko biloba. 3
3. (a) Describe a drug containing dianthrone as the active constituent. 5  
(b) Write in brief the method of collection, preparation and chemical test for wool. 3
4. (a) Discuss the beneficial health effects and biological source of Alfaalfa and hydrocotyle. 5  
(b) Give the accurrence, composition and preparation of chalk. 3
5. Describe in detail the life cycle, chemical constituents, uses and biological source of Ergot. 8
6. (a) Write a note on biogenetic pathway for tropane alkaloid and give a chemical test to identify any tropane alkaloid. 5  
(b) Discuss plank causing hay fever and dermatitis. 3
7. Write short notes on any **two** :- 8
  - (a) Drug containing narcotic analgesic
  - (b) Nutraceutical used to maintain lipid profile in blood
  - (c) Drug containing naphthaquinone glycoside.

\*\*\*\*\*