

Third Year B.Pharm Degree Supplementary Examinations - July 2016

**PHARMACOGNOSY II
(2010 Scheme)**

Time: 3 Hours

Total Marks: 100

- Answer all Questions.

Essay

(3x10=30)

1. What are asavas, tailas and Churnas. Explain their method of preparation
2. What are the method of chemotaxonomical studies. What is the chemotaxonomical significance of flavonoids and volatile oils
3. Classify allergens with examples. Discuss about plant allergens and the preparation of allergenic extracts.

Short notes

(14x5=70)

4. Purine alkaloids
5. Cultivation and collection of senna
6. Biological sources of gelatin, chirata and cascara
7. To which drugs, bontrager's test and keller killiani tests performed and explain how these tests are done
8. How column chromatography is applied in isolation of chemical constituents
9. Sources, constituents and uses of two drugs used in ophthalmology
10. Extraction of crude drugs by maceration
11. Antimicrobial drugs from marine source
12. Common uses and marketed formulations of neem, amla and brahmi
13. Identification tests for opium and gelatin
14. What are the adulterants of digitalis and belladonna
15. Elucidation of basic metabolic pathways by using radioactive isotopes
16. Morphological and microscopical characters of nux vomica
17. Enumerate the constituents of arjuna, catheranthus, kurchi and gentian.
