

Third Year B.Pharm Degree Supplementary Examinations January 2018

Pharmacognosy II

(2012 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.

Essay

(3x10=30)

1. Discuss the production of cinchona under a suitable pharmacognostic scheme
2. Give a detailed account on allergens based on the path of entry in to the body
3. Give the biological source, chemical constituents and uses of dioscorea, ashoka, spirulina and gentian

Short notes

(14x5=70)

4. With biological source, explain the cultivation and collection of digitalis
5. Explain the principle involved in the Ayurvedic system of medicine
6. Give a detailed account on cold percolation method and the factors affecting cold percolation.
7. Briefly explain two general techniques of biosynthetic studies.
8. Give the biological source, chemical constituents with structure and specific uses of ANY TWO cardiovascular drugs from marine sources
9. With principle explain the HPTLC techniques in the evaluation of herbal drugs
10. Briefly discuss the preparation of different commercial varieties of aloes
11. Biological source, chemical constituents and morphology of Rasna
12. Explain the T.S and powder characteristics of rauwolfia with neat labeled diagram
13. Explain the following test and its significance:
 - Vitali – Morin test
 - Thalleioquin test
 - Muroxide test
14. What is papain. With biological source and uses explain the method of preparation of the same.
15. Define proteins. Explain the method of preparation of gelatin. Add a note on bloom strength.
16. With biological source bring out the differences between the tinneavelly senna and alexandrian senna
17. Give an account on super critical fluid extraction with its advantages and disadvantages.