

Third Year B.Pharm Degree Supplementary Examinations June 2017

**PHARMACOGNOSY II
(2010 Scheme)**

Time: 3 Hours

Total Marks: 100

- Answer all Questions.

Essay

(3x10=30)

1. Discuss pharmacognostical report on senna
2. What are applications of TLC and paper chromatography in plant drug analysis. Give an outline of thin layer chromatography and paper chromatography.
3. Discuss about anti microbial and anti cancer agents from marine source.

Short notes

(14x5=70)

4. Sources, constituents and uses of two steroidal alkaloid containing drugs
5. What are the chemical tests for nux vomica and aloes
6. Preparation of allergenic extracts
7. Morphological characters of liquorice and kurchi
8. Super critical fluid extraction
9. Adulterants of digitalis and belladonna
10. Microscopical features of datura
11. Preparation of gutikas and bhasmas
12. Botanical source and chemical constituents of amla and brahmi
13. Discuss about two protein containing drugs
14. Shikimic acid pathway
15. Life cycle of ergot
16. What is the significance of chemotaxonomical studies
17. Therapeutic uses of papain, bromalein and maltase.
