

**Final Year B.Pharm Degree Supplementary Examinations
December 2017
PHARMACOGNOSY – III
(2010 scheme)**

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Name triterpenes of medicinal importance. Explain the biogenesis of terpenes and pharmacological activity of sesquiterpenes.
2. Outline the chemistry and biosynthesis of sennosides.
3. Name indole alkaloids. Discuss the biogenesis and pharmacological activity of any one of them.

Short notes

(14x5=70)

4. Papain and its economic status
5. DNA finger printing techniques in the identification of medicinal plants
6. Germ plasm conservation
7. WHO guidelines in evaluation of crude drugs
8. Nutritional requirements in plant tissue culture
9. Pharmacological method in the evaluation of crude drugs
10. Skin care agents from natural source
11. Worldwide trade of plants containing laxatives
12. Biogenesis of ephedrine
13. A brief account of any Five herbal drug industry
14. Chemistry of flavanoids
15. Phytochemical screening of molecules of natural origin
16. Applications of plant tissue culture
17. Stereoisomerism of quinine and ergot alkaloids and its significance
