

QP CODE:403006

Reg.No:

Final Year B.Pharm Degree Supplementary Examinations – June 2016

**PHARMACOGNOSY – III
(2010 scheme)**

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Discuss nutraceuticals in detail
2. Describe the biogenesis of tropane alkaloids
3. Discuss the plant based industries and institutions in India

Short notes

(14x5=70)

4. Spirulina
5. Plant derived cosmetic materials for hair care
6. WHO guidelines for evaluation of crude drugs
7. Biogenesis of flavanoids
8. Chemistry and pharmacological activity of opium alkaloids
9. Worldwide trade of liquorice and ginseng
10. Growth regulators in plant tissue culture
11. Role of UV and mass spectroscopic methods in natural product studies
12. In situ conservation of biodiversity
13. Standardization of tablets with herbal extracts
14. Gene transfer methods
15. Biogenesis of ergot alkaloids
16. Sennosides
17. Worldwide trade of taxol
