

Final Year B.Pharm Degree Supplementary Examinations January 2017
PHARMACOGNOSY – III
(2012 scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw diagrams wherever necessary.

Essay

(3x10=30)

1. Classify herbal cosmetics with examples. Describe the source, constituents and uses of any four plants with cosmetic properties
2. Describe briefly WHO guidelines in crude drug evaluation
3. Describe the biosynthesis of quinine in detail

Short notes

(14x5=70)

4. Importance of mass and NMR spectroscopic methods in identification of phytochemicals
5. Chemistry of triterpenes
6. Biogenesis of ephedrine
7. Worldwide trade in ipecac and liquorice
8. Biodiversity and its conservation
9. Role of plant based industries and institutions in India
10. Tissue culture media
11. Transgenic plants and its significance
12. Methods of adulteration of crude drugs
13. Chemistry of anthraquinone glycosides
14. Prebiotics and probiotics
15. Patenting of herbal drugs in India
16. Types of cultures and totipotency
17. Chemistry of senna glycosides
