

Third Year B.Pharm(Ayurveda) Degree Examinations, October 2014

Pharmacognosy II

Time : 3 Hours

Total Marks:100

- Answer all questions

Essays:

(2x10=20)

1. Explain the biological source, cultivation, chemical constituents, macroscopy and important medicinal uses of cinchona. (2+3+2+2+1=10)
2. Explain arishtas(अरिष्ट) and asavas(आसव) in detail. (5+5=10)

Short notes:

(10x5=50)

3. Explain acetate-malonate pathway.
4. Principle and applications of H.P.L.C.
5. Enzyme-diastase and trypsin.
6. General extraction method for alkaloids.
7. Biological source, microscopy, chemical constituents and uses of catharanthus.
8. Trade of medicinal plants.
9. Biological source, chemical constituents, macroscopy and uses of liquorice.
10. Saponin glycosides. Add a note on any two drugs containing saponin glycosides.
11. Plant bitters.
12. Biological source, macroscopy, chemical constituents and important uses of kurchi.

Answer briefly:

(10x3=30)

13. Tracer technique.
14. Anthraquinone glycosides.
15. Biological source, chemical constituents, uses and important formulations of amla(अम्ल).
16. Biological source, chemical constituents, uses and important formulations of punarnava(पुनरुनव).
17. Biological source, chemical constituents, uses and important formulations of gokshura(गोक्षुर).
18. Biological source, chemical constituents, uses and important formulations of gymnema.
19. Biological source, chemical constituents, uses and important formulations of ginseng.
20. Biological source, chemical constituents, uses and important formulations of ephedra.
21. Biological source, chemical constituents, uses and important formulations of strophanthus.
22. General chemical tests for alkaloids
