

Third Year B.Pharm Degree Examinations June 2017

Pharmacognosy II

(2012 Scheme)

Time: 3 Hours

Total Marks: 100

- Answer all Questions.

Essay

(3x10=30)

1. Produce Senna under a suitable pharmacognostic scheme.
2. Give a detailed account on principle and working of HPTLC and GC
3. Give the botanical name, chemical constituents and uses of garlic, neem, gymnema, amla and satavari.

Short notes

(14x5=70)

4. With the biological source explain the preparation and uses of diastase
5. Explain inhalant and ingestant allergens giving suitable example
6. Define Tailas and Choornas. Briefly discuss the method of preparation for the same
7. With biological source explain the microscopy of ipecac
8. Give an account on cultivation, collection and processing of a narcotic drug.
9. Explain the isoprenoid biosynthetic pathway with its significance.
10. Explain the soxhlet method of extraction process with advantages and disadvantages
11. Give the biological source chemical constituents with structure of ANY THREE antimicrobial drugs from marine sources
12. Explain the life cycle of ergot with neat labeled diagram
13. With the biological source explain the morphology of ephedra and kurchi
14. Chemo taxonomical significance of flavonoids
15. What is gelatin. With the biological source and uses explain the preparation of absorbable gelatin sponge and gelatin film.
16. What is aloe. Give the different chemical constituents of the same. Add a note on different qualitative chemical tests answered by aloe
17. Explain the T.S and powder characters of Vinca with neat labeled diagram.
