

PHARMACOGNOSY II

Time: 3 Hours

Total Marks: 100

- Answer all Questions.

Essay

(3x10=30)

1. Discuss the pharmacognostic report on digitalis in detail.
2. What is the significance of alkaloids, volatile oils and phenolic compounds in chemotaxonomic studies.
3. What are the methods of biosynthetic studies.

Short notes

(14x5=70)

4. Source preparation and uses of any two enzymes
5. Contact allergens.
6. Mention the adulterants of belladonna and senna.
7. Draw neat labeled diagram to show the microscopical characters of nux vomica.
8. Describe the life cycle of ergot.
9. Super critical fluid extraction.
10. Antimicrobials from marine source.
11. Source, constituents and uses of amla and neem.
12. Sources and constituents of any two purine alkaloids.
13. What is the use of adsorption chromatography in isolation of phytochemicals.
14. Source, constituents and uses of any two enzymes.
15. Chirata and gentian
16. Protein containing drugs
17. Bhilwa
