

PHARMACOGNOSY II

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Write equations wherever necessary.

Essay

(3x10=30)

1. Discuss the therapeutic agents from marine source in detail.
2. Classify allergens. How allergenic extracts are prepared.
3. Describe the methods of extraction of crude drugs in detail.

Short notes

(14x5=70)

4. Enumerate cardiac glycosides and mention its uses.
5. Alkaloidal amines.
6. What are the constituents and uses of vinca.
7. General chemical tests for alkaloids.
8. Significance of alkaloids in chemotaxonomic studies.
9. Mention the source, constituents and uses of a protein containing drug.
10. Explain shikimic acid pathway.
11. Applications of thin layer chromatography in the analysis of crude drugs.
12. Explain the source, constituents and uses of drug used in ophthalmology.
13. Discuss about the indigenous drug used for treatment of diabetes.
14. Uses of papain and diastase.
15. Contact allergens
16. Biological source, chemical constitution and uses of Aloes
17. Morphological and microscopical features of Nux vomica
