

Third Year B.Pharm Degree Supplementary Examinations – January 2017

**PHARMACOGNOSY II  
(2010 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.

**Essay**

**(3x10=30)**

1. Classify allergens with examples. What is the method of preparation and standardization of allergenic extracts.
2. What are the methods of extraction of crude drugs
3. Give a pharmacognostic report on digitalis

**Short notes**

**(14x5=70)**

4. Acetate mevalonate pathway upto dimethyl allyl pyrophosphate
5. What is the holistic concept of drug administration
6. Two indigenous drugs for treatment of diabetes and their botanical sources and chemical constituents
7. Alkaloidal amines
8. Morphological characters of cinchona and rauwolfia
9. Chemotaxonomical significance of alkaloids
10. Identification tests for senna and opium
11. Enumerate the constituents of ergot, nux vomica, physostigma and guggul
12. Describe the microscopical characters of senna with the help of diagram
13. Applications of TLC and HPTLC in plant drug evaluation
14. What are the adulterates of saffron, nux vomica and ephedra
15. Anti-inflammatory agents from marine source
16. Sources and preparation of papain and maltase
17. Therapeutic uses of spirulina, kantakari and psorelia.

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