

Third Year B.Pharm Degree Supplementary Examinations - January 2016

**PHARMACOGNOSY II  
(2010 Scheme)**

**Time: 3 Hours****Total Marks: 100**

- Answer all Questions.

**Essay****(3x10=30)**

1. Discuss about the saponin containing drugs you have studied.
2. Describe the newer techniques for extraction of crude drugs.
3. What are the novel medicinal obtained from marine source.

**Short notes****(14x5=70)**

4. What are the chemical tests for cinchona and opium.
5. Source, constituents and uses of any two indigenous drugs.
6. Protein containing drugs.
7. Describe presursor product analysis.
8. What are the adulterants of digitalis and senna.
9. Draw diagrams showing the morphological characters of vinca.
10. Write a note on chemotaxonomy.
11. Chirata and gentian.
12. Enumerate the alkaloids of cinchona, opium and hyoscyamus.
13. What are the applications of HPTLC in plant drug analysis.
14. Shikimic acid pathway.
15. Gymnema
16. Chemical tests and constituents of coca
17. Bhilwa

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