

Third Year B.Pharm Degree Supplementary Examinations January 2018

**PHARMACOGNOSY II  
(2010 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.

**Essay**

**(3x10=30)**

1. Give a detailed pharmacognosy of liquorice
2. Identify crude drugs having indole alkaloids. Give the pharmacognosy of an anti-cancer drug containing indole alkaloid.
3. Explain in detail about preparation of extracts and various extraction techniques.

**Short notes**

**(14x5=70)**

4. Salient features of ginseng.
5. Diagnostic microscopic features of quassia and squill
6. Lehyas and bhasmas.
7. Microscopic features and uses of ipecac.
8. Application of HPTLC in the evaluation of herbal drugs.
9. Caffeine containing plants.
10. Novel anti-microbial agents from marine source.
11. Bromelain and its significance in pharmacy.
12. Spirulina.
13. Churna and gutika
14. Morphological features of Gokhru and Brahmi
15. Diagnostic chemical tests to detect opium alkaloids.
16. Methods to detect adulterants of saffron and guggal.
17. Glycoalkaloid containing drug.

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