

Third Year B.Pharm (Ayurveda) Degree Examinations, October 2016**Pharmacognosy II****Time : 3 Hours****Total Marks:100**

- Answer all questions

Essays:**(2x10=20)**

1. Define and classify different chromatographic techniques. Explain the principle and procedure involved in the thin layer chromatography(TLC).
2. Define and classify alkaloids. Explain any two drugs which contain alkaloid in detail.

Short notes:**(10x5=50)**

3. Role of medicinal plants in Indian economy.
4. Discuss on shikimic acid pathway.
5. Pharmacognosy of nux-vomica.
6. Explain amla(अम्ल).
7. Explain the pharmacognosy of liquorice.
8. Rhubarb.
9. Mention the source and explain the life cycle of ergot.
10. Datura(दत्तुर).
11. Pharmacognosy of withania.
12. Lashuna(लक्षुण)

Answer briefly:**(10x3=30)**

13. Extraction method of alkaloids.
14. Botanical source, chief active constituents and formulations of ashoka(अशोक).
15. Discuss on tailas(तैल).
16. General chemical test for alkaloids.
17. Glycosides.
18. Botanical source, morphology and uses of senna(सेन्ना).
19. Arishtas(अरिष्ट).
20. Botanical source, chemical constituents and uses of neem(नीम).
21. Pancreatin.
22. High performance thin layer chromatography (HPTLC).
