

**Third B.Pharm (Ayurveda) Degree Supplementary Examinations April 2019
Pharmacognosy II****Time: 3 Hours****Total Marks: 100**

- **Answer all questions**

Essays: (2x10=20)

1. Discuss the structure and classification of enzyme and add a note on pancreatine.
2. Discuss on Apamarga and Adusa

Short notes: (10x5=50)

3. Role of alkaloids in plants.
4. Differentiate Taila and Lehya with suitable examples.
5. Anthraquinone glycosides.
6. Churnas.
7. Give biological source, morphological characters and uses of Methi.
8. Classification of alkaloids.
9. Adulterants of saffron.
10. Give biological source, morphological characters and uses of Neem.
11. Technique on HPTLC.
12. What is the current scenario of aromatic plants in our country.

Answer briefly: (10x3=30)

13. Application of TLC.
14. Give chemical test of pepsin.
15. Give biological source, family and uses of Guggul.
16. Give substitute and adulterants of digitalis.
17. Give market formulations of Chithrak.
18. Give macroscopical characters of gentian.
19. Give chemical structure of quinine and isoquinoline.
20. Give market formulations of Amla.
21. Application of paper chromatography.
22. Give substitute and adulterants of liquorices.
