

**QP CODE:306008**

**Reg.No.....**

**Third B.Pharm (Ayurveda) Degree Supplementary Examinations April 2018  
Pharmacognosy II**

**Time : 3 Hours**

**Total Marks:100**

- **Answer all questions**

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

1. Define alkaloid. Discuss tropane alkaloid in detail and give a detail account on any one Solanaceae plant containing them.
2. Describe in detail on acetate – malonate pathways

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

3. Glycosides
4. Biological source, macroscopy, microscopy and chemical constituents of Kurchi.
5. Explain trypsin.
6. Cardiac glycoside.
7. Arishta.
8. Differentiate Alexandrian Senna and Indian Senna.
9. Give biological source, morphological characters and uses of Ashoka.
10. Give biological source, morphological characters and uses of gentian.
11. Bark.
12. Technique on paper chromatography.

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

13. Application of GLC.
14. Give market formulations of neem.
15. Give chemical test of diastase.
16. Give biological source, family and uses of ephedra.
17. Give macroscopical characters of Sarpagandha.
18. Give biological source, family and uses of Brahmi.
19. Digitalis
20. Give macroscopical characters of psoralea.
21. Give market formulations of Shankhpushpi.
22. Non-nutritive sweeteners.

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