

**QP CODE:306008**

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

**Third B.Pharm (Ayurveda) Degree Regular/Supplementary Examinations  
October 2019  
Pharmacognosy II**

**Time: 3 Hours**

**Total Marks: 100**

- **Answer all questions**

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

1. Define glycoside. Discuss saponins glycoside in detail and give a detail account on any one underground drug containing saponins glycoside.
2. Describe in detail shikimic acid pathways

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

3. Explain plant bitters.
4. Discuss on tropane alkaloids.
5. Explain pepsin.
6. Role of aromatic plants in industries.
7. Discuss paper chromatography.
8. Aloe.
9. Explain coumarin glycosides like psoralen is used in leukoderma
10. Palash.
11. Bhasmas.
12. What is the current scenario of medicinal plants in our country.

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

13. Application of HPTLC.
14. Nutritive sweeteners.
15. Glycyrrhizin.
16. Papain.
17. Give biological source, family and uses of Kantakari.
18. Give specific microscopic features of rhubarb.
19. Give biological source, family and uses of withania.
20. Give market formulations of Arjuna.
21. Give biological source, family and uses of Amla.
22. Give market formulations of Punarnava.

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