

QP CODE:306008

Reg. No.....

**Third B.Pharm (Ayurveda) Degree Supplementary Examinations
November 2021**

Pharmacognosy II

Time: 3 Hours

Total Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers.*

Essays:

(2x10=20)

1. Define alkaloid. Discuss Indole alkaloid in detail and give a detail account on any one plant containing them.
2. Give a detail account on biogenesis of secondary metabolites.

Short notes:

(10x5=50)

3. Various distillation methods.
4. Arishta & Asava
5. Explain coumarin glycosides like Psoralen is used in leukoderma.
6. Palash.
7. Alkaloidal amine.
8. Cardiac glycoside.
9. Give biological source, morphological characters and uses of Ashoka.
10. Role of alkaloids in plants.
11. Churnas.
12. The Role of Medicinal and Aromatic Plants in the National Economy

Answer briefly:

(10x3=30)

13. Give chemical structure of cardenolides and buffadenolides.
14. Give specific microscopic features of Rhubarb.
15. Non-nutritive sweeteners.
16. Give market formulations of Arjuna.
17. Application of GLC.
18. Give biological source, family and uses of Brahmi.
19. Give market formulations of Neem.
20. Give substitute and adulterants of Digitalis.
21. Give macroscopical characters of Gentian.
22. Give chemical test of pepsin.
