

QP CODE:306008

Reg. No.....

**Third Professional B. Pharm (Ayurveda) Degree Supplementary
Examinations August 2025**

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. Explain in detail about cardio active sterols with special reference to cardenolides and bufadienolides.
2. Define Chromatography, classify and elaborate about Thin Layer Chromatography and its applications.

Short notes:

(10x5=50)

3. Discuss about different types of Aloes.
4. Write about Punarnava and Nagarmotha including source, constituents, pharmacology, uses and marketed formulations.
5. Preparation of Bhasmas and Gutikas.
6. Microscopy of Nux vomica.
7. Explain about the enzymes Pepsin and Trypsin including source, preparation and uses.
8. Plant bitters.
9. Discuss in detail about Shikimic Acid pathway.
10. Chemical test for Purine alkaloids along with example drugs.
11. What do you mean by Cathartics. Explain with examples.
12. Medicinal plants role in National economy.

Answer briefly:

(10x3=30)

13. Sweetners from herbal sources.
14. Life cycle of Ergot.
15. Pharmacology of Brahmi and Methi.
16. Marketed formulations of Amla and Kantkari.
17. Quassia.
18. Borntragers and Modified Borntragers test.
19. Liquorice.
20. Give the source and uses of Ginseng and Saffron.
21. Apmarga and Gymnema as traditional drug.
22. Catharanthus.
