

QP CODE: 203326

Reg. No:

**Second Year Pharm D Degree Supplementary Examinations
March 2026
Pharmacognosy & Phytopharmaceuticals**

Time: 3 Hours

Total Marks: 70

- *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*
- *Draw table/diagrams/flow charts wherever necessary*

Essays

(3x10=30)

1. Explain the anatomy of Senna. Write the biological source, chemical constituents, and uses of senna.
2. Define Proteins. Explain the classification, chemistry, and identification tests for Proteins.
3. Write a note on various intrinsic and extrinsic factors affecting the cultivation of medicinal plants.

Short notes

(8x5=40)

4. Explain different methods for detection of adulteration in crude drugs
5. Classify glycosides. Write the general properties and chemical test for glycosides.
6. Write the biological source, chemical constituents and uses of Rauwolfia and Coriander.
7. Write the source, production, chemical constituents, identification test and uses of Agar.
8. Define lipids. Write the source, chemical constituents and uses of Shark liver oil.
9. Write a note on various cell wall constituents.
10. What are natural pesticides. Add a note on Pyrethrum as a natural pesticide.
11. Explain the cultivation of Opium.

CORRECTION / NO-CORRECTION FILE
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QPCODE: 203326

Dated: 13-03-2026

Question No.1

Replaced with "Explain the anatomy of Fennel. Write the biological source, chemical constituents and uses of Fennel."

Question No.5

Replaced with "Classify carbohydrates. Write the general properties and chemical test for carbohydrates."

Question No.11

Replaced with "Explain the cultivation and preparation of cotton."

Extra time of 10 minutes allowed

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS