

QP Code: 524006

Reg. No.....

**Fifth Semester B. Pharm Degree Regular/Supplementary
Examinations May 2026
Pharmacognosy and Phytochemistry II
(2017 Scheme)**

Time: 3 Hours

Max. Marks: 75

- *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

(2x10=20)

1. Explain the macroscopical and microscopical characters of fennel with a neat labelled diagram
2. Write about the industrial production, estimation and utilization of phyto constituents Forskolin and Atropine

Short Notes

(7x5=35)

3. Explain supercritical fluid extraction
4. Classify tannins with examples
5. Explain the isolation of caffeine from tea leaves
6. Differentiate cardenolides and bufadienolides
7. Explain tracer technique
8. Discuss the principle of adsorption and partition chromatography
9. Give the source, constituents and uses of Senna and Digitalis

Answer Briefly

(10x2=20)

10. Define alkaloids
11. Source and uses of Liquorice
12. Borntrager test for anthraquinone glycosides
13. Mention the source of drug used as an anti-malarial
14. What are resins
15. Differentiate TLC and HPTLC
16. Define electrophoresis
17. Name any two Saponin glycosides
18. Enumerate extraction methods
19. What is enfleurage method

CORRECTION / NO-CORRECTION FILE

QPCODE: 524006

Dated: 11-05-2026

Question No.6

Replaced with "Differentiate Pale catechu and Black catechu."

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