

QP Code: 524006

Reg. No.....

**Fifth Semester B. Pharm Degree Regular/Supplementary
Examinations July 2024
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 acetate pathway and briefly mention the different secondary metabolites formed through this pathway
2. Explain in detail about Digitalis

Short Notes

(7x5=35)

3. Competitive feeding
4. Explain the industrial production and estimation of Podophyllotoxin
5. Adulteration of clove
6. Cultivation of opium.
7. Explain the Soxhlet extraction with a neat labelled diagram
8. Explain the microscopy of fennel
9. Carotenoids.

Answer Briefly

(10x2=20)

10. Modified Born Trager's Test
11. Pseudotannins
12. What do you mean by edge effect in TLC
13. Chemical constituents and uses of Taxus
14. Define chromatography
15. Explain the biological source, chemical constituents and uses of Guggul
16. Principle of Electrophoresis
17. Maceration
18. Chemical constituents and uses of Pale catechu
19. Therapeutic uses of flavonoids
