

QP Code: 524006

Reg. No.....

**Fifth Semester B. Pharm Degree Supplementary Examinations
July 2022**

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 various tracer techniques in the investigation of biogenetic studies
2. Describe the collection, constituents with uses and chemical test of digitalis leaf.

Short Notes

(7x5=35)

3. Discuss the industrial production and utilization of Vinca alkaloids
4. Benzoin
5. Explain the term Tannin and compare pale and Black catechu
6. Explain the Mevalonic acid pathway in the biosynthesis of terpenes.
7. Differentiate between Aloes and senna.
8. Outline the role of infra-red spectroscopy in evaluation of plant constituents
9. Discuss the pharmacognosy of Belladonna

Answer Briefly

(10x2=20)

10. Explain Autoradiography
11. Recall the uses of Ephedra and Ruta
12. Enumerate the uses of clove.
13. Mention the constituents of tea leaf
14. Explain Artemisinin
15. What are flavonoids. Give examples.
16. Explain the therapeutic uses of Myrrh
17. Explain the term glycosides with examples.
18. Mention the crude drug used for bronchodilator activity and its source.
19. Mention the phytoconstituent responsible for synthesis of steroids.
