

QP CODE: 212330

Reg. No:.....

**Second Semester M. Pharm Degree Regular/Supplementary Examinations
November 2025**

M.Pharm (Pharmacognosy)

Paper II: Advanced Pharmacognosy II (MPG 202T)

(Common for 2019 and 2024 Scheme)

Time: 3 Hours

Total 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

(3x10=30)

1. Write briefly about the efficacy of herbal medicine products and elaborate the pharmacokinetic issues in validation process
2. Determine the methods for detecting heavy metal, pesticide, phytotoxin, microbial contamination in herbs and their formulations.
3. Describe the analytical profile of *Coleus forskholii*.

Short Notes

(9x5=45)

4. Distinguish the herbals & conventional drugs.
5. Enumerate the importance of phyto-pharmacological screening.
6. List out the cardio protective natural drugs and their screening technique.
7. In vivo evaluation technique for anti-inflammatory and wound healing property of drugs.
8. Give a brief note on bioprospecting tools for drug discovery.
9. Analytical profile of *Embelica officinalis*.
10. Give a brief note on DNA finger printing techniques for detection of natural origin drugs.
11. Interpret the major impacts of ethnobotany in traditional medicine.
12. Short notes on reverse pharmacology.
