

QP CODE: 212330

Reg. No:.....

**Second Semester M. Pharm Degree Regular/Supplementary Examinations
November 2024**

M.Pharm (Pharmacognosy)

Paper II: Advanced Pharmacognosy II (MPG 202T)

(Common for 2017 and 2019 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. Describe the analytical profile of andrographis paniculata.
2. Enumerate the need for phytopharmacological screening and explain the toxicity studies of herbal drugs as per OECD guidelines.
3. Discuss in detail about ethnobotany and ethnopharmacology in herbal drug evaluation.

Short Notes

(9x5=45)

4. Explain the in vitro screening methods for antioxidant drugs from natural sources with few examples.
5. Short notes on DNA fingerprinting techniques in identification of natural drugs.
6. Analytical profile of Psoralea corylifolia.
7. Brief the pharmacokinetic issues in validation of herbals.
8. Interpret the aspects of reverse pharmacology.
9. Define adulteration. Give a brief note on types of adulteration.
10. Define herbal therapies and interpret the herbal therapies with examples.
11. Identification methods of microbial contamination in herbal formulation.
12. Bio-prospecting tools for drug discovery.
