

QP CODE: 212330

Reg. No:.....

**Second Semester M. Pharm Degree Regular/Supplementary Examinations
February 2021**

M.Pharm (Pharmacognosy)

Paper II: Advanced Pharmacognosy II (MPG 202T)

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. What are the methods for validation of herbal therapies.
2. Explain the official methods to detect heavy metal contamination and pesticide residues in herbal drugs and formulations
3. Explain the analytical profile of Emblica officinalis

Short Notes

(9x5=45)

4. What are the parameters for analysis of coleus forskohlii
5. Significance of ethnobotany in traditional medicine
6. What are the in vivo evaluation techniques for anti-ulcer activity
7. Methods to detect antimicrobial property of herbal drugs
8. Assay techniques for wound healing activity
9. Sub-acute toxicity studies of herbal drugs and formulations as per OECD guidelines
10. Methods to detect substitution of herbal drugs
11. Sampling procedures in quality control of herbal drugs
12. DNA fingerprinting techniques in identification of Herbal drugs.
