Second Semester M. Pharm Degree Supplementary Examinations December 2023

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 pharmacokinetic parameters to assess the absorption, distribution, metabolism and elimination of herbal drugs/formulations

2. Explain the DNA finger printing techniques in identification of drugs of natural origin

3. Explain the analytical profile of Andrographis paniculata

Short Notes   **(9x5=45)**

4. Invitro screening methods of natural products for anti-cancer property

5. What are the in vivo evaluation techniques for hepatoprotective activity

6. Pharmacopoeial method to detect microbial contamination in herbs and their formulations

7. OECD guidelines in detecting toxicity of herbal drugs and formulations

8. What are the parameters for evaluation of curcuma longa

9. Reverse pharmacology approach in herbal drug discovery

10. What are the in vitro techniques using enzymes in screening for antidiabetic activity

11. List diuretics from natural products and brief screening techniques for diuretic property

12. Significance of ethno pharmacology in herbal drug discovery

****