QP CODE: 214332   **Reg. No:…………………**

**Second Semester M. Pharm Degree Regular/Supplementary Examinations
May 2022**

M.Pharm (Pharmacy Practice)

Paper IV: Pharmacoepidemiology and Pharmacoeconomics (MPP 204T)

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. Discuss in detail about various pharmacoepidemiological methods

2. Explain in detail about the concept of risk in pharmacoepidemiology

3. Describe in detail about outcomes and measurements of pharmacoeconomics

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

4. Drug use measures.

5. Medications adherence measurements.

6. Post marketing surveillance.

7. History of pharmacoeconomics.

8. Direct and indirect cost.

9. Time trade off and discounting.

10. Cost effective analysis.

11. Health related quality of life.

12. Markov modelling

****