

**Second Semester M. Pharm Degree Supplementary Examinations
August 2021**

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. Explain the concept of risk in pharmacoepidemiology and describe various types of risk measures
2. Discuss about qualitative and quantitative pharmacoepidemiological methods
3. Discuss in detail about direct, indirect and intangible cost in pharmacoeconomic studies

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

4. Defined Daily Doses (DDD)
5. Drug Utilization review
6. Spontaneous reporting
7. Quality adjusted life years
8. Cost minimization analysis
9. Health Related Quality of Life (HRQOL)
10. Decision tree analysis
11. Softwares used in pharmacoeconomics
12. Time tradeoff and discounts
