

**Second Semester M. Pharm Degree Supplementary Examinations
February 2025**

M.Pharm (Pharmacy Practice)

**Paper IV: Pharmacoepidemiology and Pharmacoeconomics (MPP 204T)
(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. Define risk. Explain in detail about methods of risk measurement with suitable examples.
2. Discuss in detail about methods for studying drug effects in population.
3. Describe the steps, advantages and limitations of cost minimization and cost benefit analysis.

Short Notes

(9x5=45)

4. Write the method to find prevalence and incidence rate.
5. Define odds ratio and write its significance.
6. Write a note on the need for Pharmacoeconomic studies.
7. Elaborate on the types of outcome in Pharmacoeconomics.
8. Write the advantages and disadvantages of cost utility analysis.
9. Categorize various types of cost involved in Pharmacoeconomics.
10. List out the various softwares used in Pharmacoeconomic analysis.
11. Elaborate on the need for Health Related Quality of Life (HRQOL).
12. Define decision tree and write its applications.
