

**QP CODE: 214332**

**Reg. No:.....**

**Second Semester M. Pharm Degree Supplementary Examinations  
February 2026**

**M.Pharm (Pharmacy Practice)**

**Paper IV: Pharmacoepidemiology and Pharmacoeconomics (MPP 204T)  
(Common for 2019 and 2024 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. Explain the outcome – measurements used in pharmacoepidemiological studies.
2. Describe various observation study designs used in pharmacoepidemiology.
3. Discuss the aims, importance and applications of pharmacoeconomics.

**Short Notes**

**(9x5=45)**

4. Explain prospective and retrospective drug utilization review.
5. Explain attributable risk with suitable examples.
6. Give a note on time-risk relationship.
7. What is prescription event monitoring.
8. Explain case reports and case series.
9. Discuss various resources for cost estimation.
10. Define health related quality of life (HRQOL). Explain its importance and common HRQOL measures.
11. Discuss Markov modelling and its applications.
12. Discuss cost utility analysis with its advantages.

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