

**QP CODE: 214332**

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

**Second Semester M. Pharm Degree Regular/Supplementary Examinations  
February 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. Define drug utilization review. Explain various steps involved in drug utilization review.
2. Enlist various applications of pharmacoepidemiology. Explain post marketing surveillance and prescription event monitoring.
3. Define pharmacoeconomics. Explain sensitivity analysis and Markov modeling in pharmacoeconomics

**Short Notes**

**(9x5=45)**

4. Cost utility analysis
5. Cohort studies
6. Define daily doses and Prescribed daily doses .
7. Medication adherence measurement
8. Attributable Risk.
9. Drug use measures
10. Odds ratio
11. Cost effective ratio
12. Time-risk relationship

\*\*\*\*\*