

QP CODE: 214332

Reg. No:.....

**Second Semester M. Pharm Degree Supplementary Examinations
January 2020**

M.Pharm (Pharmacy Practice)

Paper IV: Pharmacoepidemiology and Pharmacoeconomics (MPP 204T)

(2017 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 pharmacoepidemiology. Explain the need and various outcome measurements for pharmacoepidemiology.
2. Explain the qualitative and quantitative models in the pharmacoepidemiological methods.
3. Define pharmacoeconomic evaluation. Explain the different models and its advantages and disadvantages

Short Notes

(9x5=45)

4. Application of pharmacoepidemiology.
5. Explain the various types of pharmacoeconomic outcomes.
6. Define HRQOL. What is the need for measurement of HRQOL
7. Software used in pharmacoeconomic analysis
8. What is cost categorization. Briefly discuss the resources for cost estimation.
9. Time risk relationship and odds ratio.
10. Incremental cost effective ratio.
11. Steps involved in the pharmacoeconomic evaluations.
12. Briefly explain the drug effects study in populations
