

QP CODE: 214332

Reg. No:.....

**Second Semester M. Pharm Degree Supplementary Examinations
September 2022**

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 advantages and disadvantages of cost minimization analysis and cost benefit analysis.
2. Explain the need for pharmacoeconomic studies in Indian health care system.
3. Explain advantages and disadvantages of Health Related Quality of Life (HRQOL)

Short Notes

(9x5=45)

4. Direct costs and intangible costs
5. Cost Consequences Analysis (COA)
6. Software used in pharmacoeconomic Analysis.
7. Medication adherence measurement.
8. Sensitivity Analysis and Markov Modelling
9. Calculation of Odds' ratio
10. Cohort and case control studies.
11. Meta-analysis models
12. Prevalence and incidence rate.
