

QP CODE: 214332

Reg. No:.....

**Second Semester M. Pharm Degree Supplementary Examinations
December 2023**

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. Discuss in detail about the various outcome measures used in pharmaco-epidemiological studies.
2. Define pharmacoeconomics and discuss the need for such studies in Indian health care systems.
3. Define health related quality of life and describe the need to measure it with common measures employed.

Short Notes

(9x5=45)

4. Prescribed Daily Doses (PDD)
5. Medication adherence measurement
6. Cohort and case control studies
7. Meta-analysis
8. Prescription event monitoring
9. Willingness to pay
10. Cost benefit analysis
11. Markov modeling
12. Incremental cost effectiveness ratio
