

Q.P. Code: 502326

Reg. no.:

**Fifth Year Pharm D Degree Regular/Supplementary Examinations
June 2024**

Pharmacoepidemiology and Pharmacoeconomics

Time: 3 Hours

Total Marks: 70

- *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. Give the definition, history and scope of pharmacoepidemiology.
2. What is cost utility analysis. Explain with suitable examples how the outcome is measured using cost utility analysis.
3. Discuss the methods of medication adherence measurement.

Short notes:

(8x5=40)

4. What are the requirements of an ideal database. Write the strengths and weaknesses of automate databases
5. What are meta-analysis models. Give examples
6. Explain the different types of costs in a pharmacoeconomic study
7. Describe a typical DUE cycle
8. Explain the role of pharmacoeconomics in formulary management
9. Describe a cohort study with an example.
10. Explain relative risk with example.
11. Explain defined daily doses.
