

Q.P. Code: 502326

Reg. no.:

**Fifth Year Pharm D Degree Supplementary Examinations
December 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. Explain cross-sectional study and case-control study in detail.
2. Describe cost-effectiveness analysis using an example and mention its benefits and drawbacks.
3. What is automated data systems. Explain the different types of automated data systems used in pharmacoepidemiology.

Short notes:

(8x5=40)

4. Scope and need of pharmacoepidemiology.
5. Attributable risk and relative risk.
6. Biases in meta-analysis.
7. Case reports and case series.
8. Prescription event monitoring.
9. Information flow in record linkage system.
10. Drug induced birth defect studies.
11. Cost-minimization analysis.
