

Q.P. Code: 502326

Reg. no.:

**Fifth Year Pharm D Degree Regular/Supplementary Examinations
June 2023**

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 any two analytical observational study design in pharmacoepidemiology.
2. Describe cost-benefit analysis and cost utility analysis.
3. Define Record Linkage System (RLS) and explain different types of RLS.

Short notes:

(8x5=40)

4. Prevalence and incidence with an example.
5. Defined Daily Dose (DDD) and Prescribed Daily Dose (PDD).
6. Measurement of medication adherence.
7. Automated data systems.
8. Spontaneous reporting systems.
9. Ad hoc data sources.
10. Role of pharmacoepidemiology in assessing vaccine safety.
11. Software's used in pharmacoeconomics.
