

Q.P. Code: 202340

Reg. no.:

Second Pharm D Post Baccalaureate Degree Regular/Supplementary Examinations July 2025

Paper II – 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 in detail about the measurement of outcomes in pharmacoepidemiological studies and drug use measures.
2. Explain the pharmacoepidemiological methods used to study drug induced birth defects.
3. Write a brief note on cost-benefit, cost-effectiveness study parameters with the help of case studies.

Short notes:

(8x5=40)

4. Explain any three important methods of determining medication adherence.
5. Write the phases of drug utilization review.
6. Write briefly on time-risk relationship of pharmacoepidemiology.
7. Enumerate the strengths and weaknesses of prescription event monitoring.
8. Define spontaneous reporting system.
9. Write a note on studies on vaccine safety.
10. Explain the steps involved in cost minimisation analysis study.
11. Write note on risk management in pharmacoepidemiology.
