

Q.P. Code: 202340

Reg. no.:

**Second Pharm D Post Baccalaureate Degree Supplementary
Examinations June 2023**

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. Classify pharmacoepidemiological study designs and explain in detail about descriptive studies.
2. Classify pharmacoeconomic evaluations and explain in detail about cost-effectiveness analysis with suitable example.
3. Explain various methods for measuring medication adherence and discuss the strategies for improving medication adherence.

Short notes:

(8x5=40)

4. Compare and contrast between the case-control and cohort studies.
5. Write a note on attributable risk and relative risk with suitable examples.
6. Explain prescription event monitoring.
7. What is pharmacoepidemiology and discuss the principles involved in the risk management.
8. Discuss the role of pharmacoeconomics in the hospital formulary management decisions.
9. Explain cost minimization analysis.
10. Discuss the aims and applications of pharmacoepidemiology.
11. Differentiate between the incidence and prevalence with suitable examples.
