

Q.P. Code: 202340

Reg. no.:

**Second Pharm D Post Baccalaureate Degree Supplementary
Examinations February 2022**

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. Define pharmacoconomics and explain cost-benefit and cost utility analysis with suitable examples.
2. Discuss cross-sectional studies and case control studies with suitable examples.
3. Discuss the important considerations while performing a meta-analysis.

Short notes:

(8x5=40)

4. Explain the process for prescription event monitoring (PEM).
5. Define and explain various applications of pharmacoeconomics research.
6. Explain cost-effectiveness analysis with suitable examples.
7. Explain the methodological problems in drug-induced birth defect studies.
8. Explain Defined Daily Dose (DDD) and Prescribed Daily Dose (PDD).
9. Explain attributable risk and relative risk.
10. Explain direct and indirect medical costs with suitable examples.
11. Explain various methods used to detect medication non-adherence.
