

**Q.P. Code: 202340**

**Reg. no.: .....**

**Second Pharm D Post Baccalaureate Degree Supplementary  
Examinations September 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. Explain case-control studies and cohort studies.
2. Explain cost-utility analysis with suitable example.
3. Define drug utilization review and discuss various steps involved in conducting drug utilization review.

**Short notes:**

**(8x5=40)**

4. Explain record linkage system.
5. Explain various studies of vaccine safety.
6. Explain cost-effectiveness grid and cost-effectiveness plane.
7. Define risk and discuss various time-risk relationship graphs.
8. Explain automated data systems.
9. Write a note on origin and evolution of pharmacoepidemiology.
10. Explain any two methods of medication adherence measurement.
11. Define cost and discuss various types of healthcare costs with suitable examples.

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