

**Q.P. Code: 202340**

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

**Second Pharm D Post Baccalaureate Degree Regular/Supplementary Examinations July 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. Explain in detail about observational study designs used in pharmacoepidemiological research.
2. What is drug utilization evaluation. Explain briefly on the concept, types and applications of drug utilization evaluation.
3. What is pharmacoeconomics. Discuss the usefulness of pharmacoeconomics principles in formulary decision-making process.

**Short notes:**

**(8x5=40)**

4. What is pharmacoepidemiology and mention the needs for pharmacoepidemiological studies.
5. Explain the cost utility analysis and cost minimization analysis.
6. Record linkage system
7. List out the various adhoc and automated data system. Mention its usefulness
8. Concept and applications of cross sectional studies.
9. Define the terms: Prescribed daily doses and defined daily doses.
10. Outcome assessment in pharmacoeconomics.
11. Case reports and case series.

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