

**Q.P. Code: 502326**

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

**Fifth Year Pharm D Degree Regular/Supplementary Examinations  
July 2022**

**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. What is a cohort study. Explain the different types of cohort studies citing an example for each.
2. Explain any two pharmacoeconomic analysis.
3. What are automated data systems. Explain the different types of automated data systems used in pharmacoepidemiology.

**Short notes:**

**(8x5=40)**

4. Aims and applications of pharmacoepidemiology.
5. Relative risks and time-risk relationship.
6. Explain about prevalence and incidence.
7. Strengths and weakness of prescription-event monitoring.
8. Matching in case-control study design.
9. Strengths and limitations of cross-sectional studies.
10. Types of costs in pharmacoeconomics.
11. Applications of pharmacoeconomic software's.

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