

**Q.P. Code: 202340**

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

Second Pharm D Post Baccalaureate Degree Examinations, June 2016

**Paper II – Pharmacoepidemiology and Pharmacoeconomics**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all questions
- Draw diagrams wherever necessary

**Essay:**

**(3x10=30)**

1. Discuss in detail about quantitative models of pharmacoepidemiology.
2. Elaborate on the aims and applications of pharmacoepidemiology with example.
3. Explain in detail about cost minimization analysis and its significance.

**Short notes:**

**(8x5=40)**

4. State the various applications of pharmacoeconomic studies.
5. Cost utility analysis.
6. Describe the various outcome measures of drug use.
7. Enumerate the strengths and weakness of various pharmacoepidemiology models.
8. Describe the various types of time risk relationships with examples.
9. Spontaneous reporting system.
10. Classify various types of bias.
11. Describe ad hoc case control and cohort studies.

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