

**Q.P. Code: 202340**

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

**Second Pharm D Post Baccalaureate Degree Examinations June 2018**

**Paper II – Pharmacoepidemiology and Pharmacoeconomics**

**Time: 3 Hours**

**Total Marks: 70**

- Answer all questions
- Draw diagrams wherever necessary

**Essays:**

**(3x10=30)**

1. Describe cohort study and case control study with suitable example.
2. Enumerate various types of pharmacoeconomic evaluation and its role in formulary management decisions.
3. Describe cost-effectiveness analysis and cost-utility analysis citing suitable examples.

**Short notes:**

**(8x5=40)**

4. Describe record-linkage system.
5. Discuss the application of software in pharmacoeconomics.
6. Explain ad hoc data sources in pharmacoepidemiological studies.
7. Explain payer's perspective and societal perspective in pharmacoeconomics evaluation.
8. Explain attributable risks and relative risks.
9. Explain briefly the steps in drug utilization review.
10. Explain the strengths and limitations of spontaneous ADR reporting.
11. Explain defined daily dose (DDD) with suitable examples.

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