Q.P. Code: 502326   Reg. no.: …………………

Fifth Year Pharm D Degree Examinations June 2018

Pharmacoepidemiology and Pharmacoeconomics

Time: 3 Hours   Total Marks: 70

- Answer all questions
- Draw diagrams wherever necessary

Essays: (3x10=30)

1. Discuss cross sectional studies and case control studies with examples.

2. Enumerate various automated data base systems. Explain any two in detail.

3. Define pharmacoeconomics. Explain cost- benefit and cost–utility analysis with suitable examples.

Short notes: (8x5=40)

4. Explain aims and applications of pharmacoepidemiology.

5. Explain time-risk relationship and odds ratio with suitable examples.

6. Explain the process for prescription event monitoring (PEM)

7. Differentiate between case cohort and cohort study with suitable examples

8. Explain the methodological problems in of drug-induced birth defect studies.

9. Explain role of pharmacoeconomics in formulary management decision.

10. Explain defined daily doses (DDD).

11. Define and explain drug utilization review

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