

Q.P. Code: 202340

Reg. no.:

Second Pharm D Post Baccalaureate Degree Examinations June 2017

Paper II – Pharmacoepidemiology and Pharmacoeconomics

Time: 3 Hours

Total Marks: 70

- Answer all questions
- Draw diagrams wherever necessary

Essay:

(3x10=30)

1. List out the various pharmacoepidemiological methods. Explain in detail prescription event monitoring and cohort study with its advantages and disadvantages.
2. Describe the various sources of data for pharmacoepidemiological studies.
3. Explain the concepts of cost utility analysis. Describe how cost utility analysis aids in therapeutic decision-making.

Short notes:

(8x5=40)

4. Role of pharmacoepidemiological studies in vaccine safety research.
5. Different types of costs and outcomes considered in pharmacoeconomic studies.
6. Role of pharmacoeconomics in hospital formulary management.
7. What is spontaneous reporting system. List the advantages and disadvantages of spontaneous reporting system.
8. Define the terms: Relative risk, attributable risk and hazard ratio
9. Aims and applications of pharmacoepidemiology
10. Explain how pharmacoepidemiology is useful for studying drug induced birth defects.
11. What are randomized control clinical trials. Mention the strength and weakness of randomized controlled trials.
