

Q.P. Code: 502326

Reg. no.:

Fifth Year Pharm D Degree Examinations June 2019

Pharmacoepidemiology and Pharmacoeconomics

Time: 3 Hours

Total Marks: 70

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(3x10=30)

1. Describe the cost-effective analysis with suitable example. Discuss briefly on its applications, advantages and disadvantages.
2. Define drug utilization review (DUR). Explain the steps involved in establishing a DUR program in a hospital setup.
3. What is automated data systems. Explain the different types of automated data systems used in pharmacoepidemiology.

Short notes:

(8x5=40)

4. Enlist the difference between the four most common type of pharmacoeconomics studies.
5. Explain the need and applications of spontaneous reporting system in pharmacoepidemiology studies.
6. Define and explain case reports and case series.
7. Classify epidemiological study designs. Explain case control study with suitable example.
8. Explain time-risk relationship and odds ratio with suitable examples.
9. Enlist various barriers of medication adherence and explain how to overcome the barriers.
10. What is Prescription Event Monitoring (PEM) and modified prescription event monitoring. Enlist its application.
11. Explain cost-minimization pharmacoeconomic evaluation
