

Q.P. Code: 502326

Reg. no.:

**Fifth Year Pharm D Degree Regular/Supplementary Examinations
November 2020**

Pharmacoepidemiology and Pharmacoeconomics

Time: 3 Hours

Total Marks: 70

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Essays:

(3x10=30)

1. Define Record Linkage System (RLS) and explain different types of RLS.
2. Define risk and enlist the various factors influencing the same. Explain relative risk and odd's ratio with suitable examples.
3. Define and classify pharmacoeconomic evaluation. Describe the steps involved in conducting a pharmacoeconomic study.

Short notes:

(8x5=40)

4. Explain the role of pharmacoeconomics in formulary management decisions.
5. Discuss the different methods of presenting cost-effective results.
6. Define and explain prescribed daily dose with suitable example.
7. Discuss the steps involved in performing cohort study with example
8. Explain the method of prescription event monitoring (PEM) in general medical practice.
9. Explain the need and applications of pharmacoepidemiological studies.
10. Enlist various methodological problems of hospital pharmacoepidemiological studies
11. Explain direct medical and direct nonmedical costs with an example
