

Q.P. Code: 502326

Reg. no.:

**Fifth Year Pharm D Degree Supplementary Examinations
September 2023**

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. Explain cohort study design using a graphical representation, mentioning its advantages, disadvantages and bias.
2. Describe cost-minimization analysis and cost-benefit analysis.
3. Explain prescription event monitoring and spontaneous reporting system.

Short notes:

(8x5=40)

4. Process of drug utilization review.
5. Odds Ratio (OR) with an example.
6. Anatomical Therapeutic Chemical (ATC) classification in defined daily dose.
7. Cross-sectional study.
8. Literature databases search in meta-analysis.
9. Types of automated data system.
10. Role of pharmacoeconomics in formulary management decisions.
11. Cost-effectiveness grid.
