

Q.P. Code: 502326

Reg. no.:

Fifth Year Pharm D Degree Supplementary Examinations January 2026

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 and mention the merits and demerits of cohort and case-controlled studies.
2. What is cost effectiveness analysis. Explain with a suitable example how the outcome is measured using cost effectiveness analysis.
3. Explain the criteria for the causal nature of an association in pharmacoepidemiological study.

Short notes:

(8x5=40)

4. Explain the steps involved in typical DUE cycle.
5. Give the strengths and weaknesses of a meta-analysis study.
6. List out the applications of a pharmacoeconomic study.
7. How is confidence interval measured for an odds ratio. How is confidence interval depicted and graphically interpreted.
8. Describe the steps involved in formulating a study design in pharmacoepidemiology.
9. Explain the factors that determine a cost of illness study.
10. Explain the method, advantages and disadvantages of a cross-sectional study.
11. What are the requirements of an ideal database. Write the strengths and weakness of automated database.

CORRECTION / NO-CORRECTION FILE
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QPCODE: 502326

Dated: 21-01-2026

Question No. 3

Replaced with "Explain the methods of medication adherence measurement."

Question No. 9

Replaced with "Explain the steps involved in cost utility analysis."

Extra time of 10 minutes allowed.

Corrections/Modifications/Replacement of Questions if any shall be made available to all students. Take the print out of the Correction File in such cases and distribute to all students.

(Sd/-)

CONTROLLER OF EXAMINATIONS