

Q.P. Code: 502326

Reg. no.:

Fifth Year Pharm D Degree Supplementary Examinations May 2021

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 medication adherence. Explain the commonly used intervention strategies to improve medication adherence
2. Define risk and enlist the various factors influencing the same. Explain relative risk and odd's ratio with suitable examples.
3. Describe the cost-effective analysis with suitable example. Discuss briefly on its applications, advantages and disadvantages.

Short notes:

(8x5=40)

4. Need and applications of spontaneous reporting system in pharmacoepidemiology studies.
5. Define prevalence and incidence with an example.
6. Define daily dose with suitable example.
7. Role of pharmacoeconomics in formulary management.
8. Record linkage system.
9. Importance of vaccine safety studies.
10. Give strengths and weakness of meta-analysis.
11. Economic, Clinical and Humanistic Outcomes (ECHO) model in pharmacoeconomics
