

Q.P. Code: 502326

Reg. no.:

**Fifth Year Pharm D Degree Supplementary Examinations
December 2018**

Pharmacoepidemiology and Pharmacoeconomics

Time: 3 Hours

Total Marks: 70

- Answer all questions
- Draw diagrams wherever necessary

Essays:

(3x10=30)

1. Define the term pharmacoeconomics. Discuss cost-utility and cost benefit analysis.
2. Define medication adherence. Explain the commonly used intervention strategies to improve medication adherence.
3. Classify different pharmacoepidemiological study designs. Explain any two designs in detail.

Short notes:

(8x5=40)

4. Explain incidence and prevalence with an example.
5. Define record linkage system (RLS). Explain the information flow in RLS.
6. Explain the step to perform survey of drug use in pharmacoepidemiology. Enlist its strengths and limitations.
7. Explain Ad-Hoc data sources available for pharmacoepidemiological studies.
8. Explain various clinical problems in drug-induced birth defect studies.
9. Explain defined daily dose and prescribed daily dose with suitable examples.
10. Explain about the merits and demerits of software applications in pharmacoeconomics.
11. Briefly explain about the significance of hospital pharmacoepidemiology
