

[LD 826]

OCTOBER 2013

Sub. Code: 3826

**DOCTOR OF PHARMACY (PHARM. D / POST BACCALAUREATE)****DEGREE EXAMINATION****FIFTH YEAR****PAPER II – PHARMACOEPIDEMIOLOGY AND PHAMACOECONOMICS*****Q.P. Code: 383826*****Time: Three Hours****Maximum: 70 marks****Answer All questions****I. Elaborate on:****(2 x 20 = 40)**

1. Discuss the significance and steps of drug utilization review.
2. What are the various types of pharmacoeconomic evaluations? Explain.

**II. Write notes on:****(10 x 3 = 30)**

1. Describe
  - a) cross sectional studies.
  - b) cohort studies.
  - c) case-control studies.
2. Discuss briefly positive and negative outcomes of pharmacoepidemiological studies.
3. Discuss Odds ratio and Relative Risk.
4. Medication adherence and its measurement.
5. Applications of epidemiological model.
6. Record linkage system.
7. Illustrate the use of softwares in pharmacoeconomics.
8. Role of pharmacoeconomics in formulary management decisions.
9. What is defined daily dose and prescribed daily dose.
10. Discuss case reports and case series.

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