

**Q.P. Code: 202340**

**Reg. no.: .....**

**Second Pharm D Post Baccalaureate Degree Regular/Supplementary  
Examinations November 2020**

**Paper II – 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. Enumerate pharmacoeconomics methods and explain briefly any two methods citing examples.
2. Describe cross-sectional study and meta-analysis
3. Define drug utilization review (DUR) and explain the steps in establishing a DUR program in a hospital set up.

**Short notes:**

**(8x5=40)**

4. Explain odds ratio and relative risk
5. Explain the advantages and disadvantages of cohort studies.
6. Explain case reports and case series with examples.
7. Enumerate health care costs and explain any two.
8. Explain the reasons for patient medication non-adherence.
9. Explain prevalence and incidence with examples.
10. Discuss the concept and scope of Pharmacoepidemiology
11. Explain briefly the role of pharmacoeconomics in formulary management decisions.

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