Second Pharm D Post Baccalaureate Degree Supplementary Examinations November 2022

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. Describe the cost minimization analysis and cost benefit analysis citing suitable examples.

2. Explain concept of risk in pharmacoepidemiology.

3. Explain the methods to measure patient medication adherence and discuss the strategies to improve medication adherence.

Short notes: **(8x5=40)**

4. Explain briefly drug induced birth defects with examples.

5. Define meta-analysis. Mention the strength and weakness of meta-analysis study.

6. Differentiate between prescribed daily dose (PDD) and defined daily dose (DDD).

7. Explain patient perspective and provider perspective in pharmacoeconomic evaluation.

8. Explain the merits and demerits of automated data bases.

9. Vaccine safety studies.

10. Discuss the need for pharmacoeconomic evaluation.

11. The advantages and disadvantages of cross-sectional study and cohort study.

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