Fifth Year Pharm D Degree Examinations, June 2016

Pharmacoepidemiology And Pharmacoeconomics

Time: 3 Hours   **Total Marks: 70**

- Answer all questions
- Draw diagrams wherever necessary

Essay: **(3x10=30)**

1. Define pharmacoepidemiology. Explain the origin and evolution of pharmacoepidemiology.

2. Calculate odds ratio, relative risk, attributable risk and time-risk relationship using following data:

	Dengue positive subjects (cases (n))	Person-years at risk
Dengue Vaccine group (N = 6848)	117	6526
Control group (N = 3424)	133	3227

3. Discuss various methods of pharmacoeconomic evaluations with examples.

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

4. Define prevalence and explain with an example.

5. Case-control study design with suitable example.

6. What is record-linkage system and add a note on the importance of record-linkage system.

7. Procedure involved in conduct of cost-benefit analysis with an example.

8. Hospital pharmacoepidemiology and its applications.

9. What is automated databases . List out the automated databases that are used in conduct of pharmacoepidemiological research.

10. Cross-sectional study design with its advantages and disadvantages.

11. Defined and prescribed daily doses with suitable examples.

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