

# Rajiv Gandhi University of Health Sciences, Karnataka

V Year Pharm-D (II Year Pharm D Post Baccalaureate) / V Year Pharm-D Degree Examination – NOV 2017

**Time: Three Hours**

**Max. Marks: 70 Marks**

## **PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS**

**Q.P. CODE: 2875 / 2891**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

### **LONG ESSAYS (Answer any two)**

**2 x 10 = 20 Marks**

1. Define pharmacoepidemiology. Explain case control and cohort studies with suitable examples.
2. Discuss the various methods of Pharmacoeconomic evaluation.
3. Define record linkage system and explain the process of record linkage system with probabilities and deterministic approach.

### **SHORT ESSAYS (Answer any six)**

**6 x 5 = 30 Marks**

4. Write a note on drug use cycle.
5. Explain in detail the concept of risk
6. Describe special applications of pharmacoepidemiology in health care setting.
7. Enumerate the various parameters which are analysed in formulary decision making process.
8. Explain the types of errors that can occur in a pharmacoepidemiological study.
9. Explain the importance of cost in PE study.
10. What are electronic medical records?
11. What is Markov model? Explain with examples.

### **SHORT ANSWERS**

**10 x 2 = 20 Marks**

12. Write the aims involved in pharmacoepidemiological studies.
13. What are the general operational principles for conducting an ad-hoc study?
14. Write the objectives of pharmacoeconomics.
15. Write any two applications of CMA
16. Define ADE with an example.
17. Define intangible costs
18. Define confidence interval
19. Enlist types of bias
20. Define risk management in PEY studies.
21. Define hospital formulary

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