Rajiv Gandhi University of Health Sciences, Karnataka

V Year Pharm-D (II Year Pharm D Post Baccalaureate) Degree Examination – NOVEMBER 2015

Time: Three Hours   **Max. Marks: 70 Marks**

PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS (RS)
Q.P. CODE: 2875

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 risk and enlist the various factors influencing risk in pharmacoepidemiology. Explain relative risk and Odd's ratio with suitable examples.
2. What is bias? Explain the different types of bias in pharmacoepidemiology with examples.
3. What is medication adherence? Explain the methods used to assess medication adherence.

SHORT ESSAYS (Answer any six)   **6 x 5 = 30 Marks**

4. Write a note on prescription event monitoring.
5. Explain the different types of cost in pharmacoeconomic study.
6. What is a decision tree? With an example, explain the use of a decision tree in clinical decision analysis.
7. Explain Markov model with a suitable example.
8. Define a cohort study with an example.
9. Describe spontaneous reporting system.
10. Write a note on studies on vaccine safety.
11. Discuss the applications of pharmacoeconomics.

SHORT ANSWERS   **10 x 2 = 20 Marks**

12. Explain confounding.
13. What is record linkage system?
14. What is ICER and ACER?
15. Define daily dose and prescribed daily dose.
16. Define prevalence and incidence.
17. What is intangible cost in a pharmacoeconomic study?
18. Give the applications of cost benefit analysis.
19. What is QALY?
20. Define the term outcome research.
21. What is willingness to pay?

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