

Rajiv Gandhi University of Health Sciences, Karnataka

V Year Pharm-D / II Year Pharm-D (Post Baccalaureate) Degree Examination – MAY 2016

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOEPIDEMOLOGY AND PHARMACOECONOMICS

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. What is Bias? Explain the different types of Bias with examples in Pharmacoepidemiology.
2. Define DUE. Explain the steps involved in a DUE and mention the pharmacists role in DUE cycle.
- 3 Explain the merits and demerits of Cohort and case controlled study.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain the different types of cost in a pharmaco-economic study.
5. What is Markov model? Explain with examples.
6. Describe studies of vaccine safety.
7. Explain the steps involved in Cost Minimization Analysis Study.
8. Explain the role of pharmaco-economics in formulary management.
9. Explain the factors to determine cost of illness study.
10. How is confidence interval measured for an odds ratio?
11. Explain any three important methods of determining medication adherence.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define prevalence.
13. What is signal generation? Explain its significance.
14. What is outcome research?
15. Name four computerized databases used for Pharmacoepidemiological research.
16. What is willingness to pay?
17. Mention the limitations of pharmaco-economic study.
18. What is case series?
19. Define sensitivity analysis.
20. Define attributable risk.
21. Define pharmaco-economics and outcome research.
