

Rajiv Gandhi University of Health Sciences, Karnataka

V Year Pharm-D /II Year Pharm D Post Baccalaureate Degree Examination – 28-Oct-2024

Time: Three Hours

Max. Marks: 70

PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS (RS & RS-2)

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. Explain cost utility analysis. Explain with suitable examples the outcome measured using cost utility analysis.
2. Identify and explain two major pharmacoepidemiological models to test the relationship between drug exposure and patient outcomes.
3. What is bias? Explain the different types of bias with examples in Pharmacoepidemiology.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain the steps involved in cost minimization analysis.
5. Explain the role of Pharmacoeconomics in formulary management.
6. Explain any three important methods of determining medication adherence.
7. What are the strengths and weakness of computerised database?
8. How is confidence interval measured for an odds ratio?
9. Describe studies of vaccine safety.
10. What is Markov model? Explain with examples.
11. Describe the steps involved in formulating a study decision in Pharmacoepidemiology.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define monetary units.
13. Define relative risk.
14. List out the purposes of meta analysis.
15. Mention the limitations for pharmacoeconomic study.
16. Enlist types of errors.
17. Define outcome research.
18. Write two applications of cost of illness analysis.
19. Mention any two applications of Pharmacoepidemiology.
20. Define Ad-Hoc studies and enumerate the strength of Ad-Hoc studies.
21. Write the objectives of pharmacoepidemiology.
