

Rajiv Gandhi University of Health Sciences, Karnataka
V Year Pharm-D (B Year Pharm-D Post Baccalaureate) / V Year Pharm-D Degree Examination 15 Nov-2021

Time: Three Hours

Max. Marks: 70 Marks

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. Identify and explain the two major pharmacoepidemiological models used to test the relationship between drug exposure and patient outcomes.
2. What is cost utility analysis? Explain with suitable examples how the outcome is measured using cost utility analysis.
3. Define DUE. Explain the steps involved in DUE and mention pharmacist role in DUE cycle.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Define and explain the process of record linkage system.
5. Explain relative risk and Odd's ratio with suitable examples.
6. Explain the different types of bias in pharmacoepidemiology with examples.
7. Explain the role of pharmacoeconomics in formulary management.
8. Describe the concept of vaccine safety.
9. Discuss the concept of prescribed daily dose and defined daily dose.
10. Explain Markov model with suitable examples.
11. Write a note on prescription event monitoring.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define pharmacoepidemiology.
13. What are the requirements of an ideal database?
14. Write a note on need for pharmacoeconomics studies.
15. Write any two applications of CEA.
16. Define record linkage system.
17. Define pharmacoeconomics and outcome research.
18. Define prevalence.
19. Define odds ratio.
20. Define birth defects.
21. Define drug formulary.
