

Rajiv Gandhi University of Health Sciences, Karnataka

V Year Pharm-D (II Year Pharm D Post Baccalaureate) / V Year Pharm-D Degree Examination – JUNE-2019

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOEPIDEMOLOGY 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 DUE. Explain the steps involved in a DUE and mention the pharmacist role in DUE cycle.
2. What is cost effective analysis. Explain with suitable examples how the outcome is measured using cost effective analysis.
3. What is Bias? Explain the different types of Bias in pharmacoepidemiology with examples.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Explain the probabilistic and deterministic approach in record linkage system?
5. Explain the methods used to assess medication adherence
6. Explain studies of vaccine safety with an illustration
7. What are the criteria for decision making in formulary management.
8. Explain criteria for causal nature of an association in pharmacoepidemiology study
9. Explain the different types of cost in pharmacoeconomic studies.
10. How is confidence interval measured for an Odd's ratio?
11. Describe Cohort study with an example.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Write scope of pharmacoepidemiology.
13. Write the strength and weakness of automated database.
14. Define pharmacoeconomics.
15. Write any two applications of cost of illness.
16. List meta-analysis models
17. What is willingness to pay?
18. Define Medication adherence
19. Define relative risk
20. Enlist any two vaccine safety studies
21. What are the different types of formulary?
