



Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOEPIDEMOLOGY 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. Explain few pharmacoepidemiological studies involving drug induced birth defects.
2. Explain case control and cohort studies with suitable examples and its advantages and disadvantages.
3. Define pharmacoeconomics. Explain history and scope of pharmacoeconomics.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Describe spontaneous reporting system with its strengths and weakness.
5. Explain the various measurements of outcomes in a pharmacoepidemiological studies.
6. Explain the types of errors that can occur in a pharmacoepidemiological studies.
7. What is Markov's model? Explain the features.
8. Explain the concept of attributable risk and relative risk.
9. Define cost effectiveness analysis, its advantages and disadvantages.
10. Explain the applications of pharmacoeconomics.
11. What is cost benefit analysis? Steps in conducting cost benefit analysis.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define direct medical cost.
13. ECHO Model.
14. Cost of illness.
15. What is the need of post marketing surveillance?
16. List out computerized data base used for pharmacoepidemiological research.
17. Define monetary units?
18. Case reports and case series.
19. Define sensitivity analysis
20. What is Willingness to pay?
21. Define ICER & ACER.
