



Rajiv Gandhi University of Health Sciences, Karnataka

V Year Pharm-D (II Year Pharm D Post Baccalaureate) / V Year Pharm-D Degree Examination - 06-Jan-2020

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOEPIDEMIOLOGY 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. Explain the merits and demerits of cohort and case controlled study.
2. What is bias? Explain the different types of bias with examples in pharmacoepidemiology.
3. Explain in detail the methods of pharmacoeconomic evaluation a) CBA b) CUA

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Give the strengths and weakness of Meta-analysis.
5. Describe a typical DUE cycle.
6. Describe the electronic medical records (EMRs)?
7. What is Markov model? Explain with examples.
8. Explain the three key aspects in set up of ad-hoc studies.
9. Explain methods, advantages and disadvantages of cross sectional study.
10. Write a note on case reports with its advantages and disadvantages.
11. Discuss the confidence interval and odds ratio.

SHORT ANSWERS

10 x 2 = 20 Marks

12. Define ADE with an example.
13. Enlist two softwares used in PE studies.
14. Enumerate the role of pharmacist in formulary development.
15. Difference between relative risk and attributable risk.
16. Write a note on VAERS.
17. Define DDD.
18. What do you mean by Essential drug list?
19. What are strength and weakness of computer database?
20. Enlist types of bias.
21. Explain QOL and QALY.
