

Rajiv Gandhi University of Health Sciences, Karnataka

V Year Pharm-D (II Year Pharm D Post Baccalaureate) / V Year Pharm-D
Degree Examination – 22-Nov-2022

Time: Three Hours

Max. Marks: 70 Marks

PHARMACOEPIDEMOLOGY 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 in detail the methods of pharmacoeconomic evaluation. a) Cost minimization analysis
b) Cost benefit analysis c) Cost effective analysis d) cost utility analysis
2. Define record linkage system and explain the process of record linkage system and also explain the probabilistic and deterministic approach in record linkage system.
3. Explain case control and cohort studies with suitable examples. Mention its merits and demerits.

SHORT ESSAYS (Answer any six)

6 x 5 = 30 Marks

4. Identify two common Pharmacoepidemiology studies used to describe the relationship between drug exposure and patient outcomes.
5. Define a) Attributable risk b) Relative risk c) Odds ratio
6. Explain the different types of costs in a pharmacoeconomic studies.
7. Write a note on studies of vaccines safety.
8. Write about prescription event monitoring.
9. Explain the role of Pharmacoeconomics in formulary management.
10. Explain the strengths and weakness of Meta-analysis.
11. Describe electronic medical records (EMRs).

SHORT ANSWERS

10 x 2 = 20 Marks

12. Explain case reports.
13. Define Pharmacoeconomics and outcome research.
14. Define spontaneous reporting systems.
15. Define prevalence and incidence.
16. Define "Defined daily dose" and "Prescribed daily dose".
17. Define time risk relationship.
18. Enlist ad-hoc data sources.
19. Explain the strengths and weakness of Medicaid and Medicare.
20. Define hospital pharmacoepidemiology.
21. Mention the applications of cost utility analysis.
