



Pharmacoepidemiology and Pharmacoeconomics -II

Q.P. CODE: 5184

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

LONG ESSAY (Answer any Three)

3 X 10 = 30 Marks

1. Explain the merits and demerits of Cohort and case controlled study.
2. Define pharmacoepidemiology and explain history and scope of Pharmacoepidemiology.
3. Define Pharmaco-economics and write the applications of Pharmacoeconomics and explain the types of Pharmacoeconomic evaluations. a) CMA b) CBA c) CEA d) CUA?
4. Explain in detail the concept of risk and measurement of risk of an ADR with respect to
i) Attributable risk ii) Relative risk iii) Time risk relationship iv) Odds ratio.

SHORT ESSAY (Answer any Nine)

9 X 5 = 45 Marks

5. Explain any three important methods of determining medication adherence.
6. Define a Cohort study with an example.
7. What are meta analysis models. Give examples with strengths and weakness.
8. Explain methods, advantages and disadvantages of cross sectional study.
9. What are the possible outcomes of a well-defined pharmacoeconomic study and what are the steps involved in planning a pharmacoeconomic study with pharmacoeconomic evaluation?
10. Explain the approaches to controlling confounding variables?
11. Give the advantages and disadvantages of epidemiologic study designs?
12. Explain randomised clinical trial?
13. What are the strengths and weakness of computerised database?
14. Explain the steps involved in Cost Minimisation Analysis Study.

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