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V/VI PHARM - D DEGREE EXAMINATIONS, JULY - 2022

Fifth Year

PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS

Time : **Three Hours**

Maximum : **70 Marks**

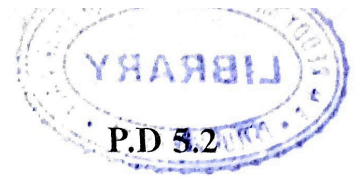
Answer any FIVE Questions.

5x14 = 70 M

All Questions carry equal marks

1. a) Discuss in detail about concept of risk involved in pharmaco epidemiology.
b) Explain the various cost factors involved in pharmacoeconomic evaluation.
2. a) Define medication adherence. Explain the methods to evaluate medication adherence.
b) Write a notes on WHO programme for ADR reporting.
3. Write a notes on
 - a) Case control studies.
 - b) VAERS, VSD, CISA.
 - c) Spontaneous reporting systems.
4. Write a brief note on Cost - Benefit Cost-effectiveness study parameters with the help of case studies.
5. Write in detail about
 - a) Vaccine safety.
 - b) Hospital pharmacoepidemiology.
 - c) Risk management.
 - d) Drug induced birth defects.
6. a) Write in detail about prescription event monitoring.
b) Write a note on automated data system for pharmacoepidemiological studies.
7. Write about the Merits & Demerits of softwares applications of pharmacoeconomics.





Total No. of Questions :07]

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V/VI Pharma.D (Regular) DEGREE EXAMINATIONS, MAY-2019

Fifth Year

PHARMA-D

PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

1. Write about the following
 - a) Applications of Pharmacoeconomics
 - b) Time-risk relationship and Odd's ratio
2. Explain the following
 - a) Cost effectiveness analysis with an example.
 - b) Prevalence and incidence
3. Describe the following
 - a) Record linkage system
 - b) Case reports and case series
4. Discuss the significance and steps involved in drug utilization review?
5. Write briefly on defined daily doses and prescribed daily doses as an outcome measurement of Pharmacoepidemiology?
6. Briefly explain about role of Pharmacoeconomic Evaluations in Formulary Management Decisions?
7. Write about the following
 - a) Ad-Hoc data sources available for Pharmacoepidemiological studies.
 - b) Bayesian neural network method in Pharmacoepidemiological studies and its importance.

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V/VI Pharma.D (Regular) DEGREE EXAMINATIONS, April-2018**5th year****Pharma-D****PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS****Time: Three Hours****Maximum marks:70****Answer any FIVE questions.****All questions carry equal marks.****5X14=70M**

1. Describe the types of Pharmacoeconomic evaluations and their significance?
2. Discuss the significance and steps of drug utilization review?
3. Describe the following
 - a) Role of Pharmacoeconomics in formulary management decisions.
 - b) Cost effectiveness analysis with an example.
4. Write about the following
 - a) Applications of Software in Pharmacoeconomics.
 - b) Ad-Hoc data sources available for Pharmacoepidemiological studies.
5. Explain in detail about studies of vaccine safety.
6. Explain the merits and demerits of Cohort and case control studies?
7. Explain the following
 - a) Aims and applications of Pharmacoepidemiology
 - b) Prescription event monitoring.

V/VI Pharma.D (Regular) DEGREE EXAMINATIONS, JUNE- 2017

(Examination at the end of Fifth year)

Paper II- PHARMACOEPIDEMOLOGY AND PHARMACOECONOMICS

Time: Three Hours

Maximum marks:70

Answer any FIVE questions.

All questions carry equal marks.

5X14=70M

1. Explain the following
 - a) Concept of risk in Pharmacoepidemiology
 - b) Cost-Minimization Pharmacoeconomic Evaluation
2. Write briefly on defined daily doses and prescribed daily doses as an outcome measurement of Pharmacoepidemiology.
3. Describe the following
 - a) Differentiate Cross sectional and Cohort studies
 - b) Requirements for an ideal database
4. Explain about the special applications of Hospital Pharmacoepidemiology.
5. Explain the Pharmacoepidemiological methods used to study drug induced birth defects.
6. Describe the following
 - a) Cost benefit and cost utility analysis
 - b) Role of Pharmacoeconomics in formulary management decisions
7. Write a note on origin, aims and application of pharmacoepidemiology?

V/VI Pharm.D (Regular) DEGREE EXAMINATIONS, JULY-2016**(Examination at the end of Fifth year)****Paper-II- PHARMACOEPIDEMOLOGY AND PHARMACOECONOMICS****Time: Three Hours****Maximum marks:70****Answer any FIVE questions.****All questions carry equal marks.**

1. Write about the following
 - a. Prescription event monitoring
 - b. Cost effectiveness analysis with an example.
2. Discuss the description, strength and weakness of automated data bases. Write about Group health Co-operative data base?
3. Explain the following?
 - a. Odds ratio and Relative Risk
 - b. Methods of measurement of medication adherence
4. What are the various types of pharmaco-economic evaluations. Explain them?
5. Describe the following.
 - a. Randomized controlled trials and case control studies.
 - b. Spontaneous reporting with a help of a Case Study.
6. Explain in detail about studies on vaccine safety?
7. Describe the following.
 - a. Units of drug dispensed
 - b. Aims and applications of pharmacoepidemiology.