

Sl.No. M21631

Course Code:3100502/3200502

**VINAYAKA MISSION'S RESEARCH FOUNDATIONS, SALEM
(Deemed to be University)**

**Pharm.D DEGREE EXAMINATION - July 2019
Fifth Year**

PHARMACOEPIDEMOLOGY AND PHARMACOECONOMICS

Time: Three hours

Maximum: 70 marks

I. Write essays on any **TWO** questions: (2 x15 = 30)

1. Explain in detail about various steps involved in drug utilization review with suitable example.
2. Describe various applications of pharmacoeconomics with the help of case studies.
3. Discuss in detail on various quantitative models of pharamacopidemiological studies.

II. Write short answers on any **SIX** questions: (6 x 5 = 30)

4. Write a brief note on cost minimization analysis and its advantages.
5. Describe spontaneous reporting with its limitations.
6. Write a note on pharmacoepidemiology studies on vaccine.
7. Enumerate the aims of pharmacoepidemiological studies.
8. Write a note on software's used in pharmacoeconomics.
9. Define various health care cost and its influence in drug therapy.
10. Describe meta analysis studies and write its significance.
11. Define time risk relationship with suitable example.

III. Write short notes on any **FIVE** question: (5 x 2 = 10)

12. List automated data systems used in pharmacoepidemiology.
13. Define post marketing surveillance.
14. What is prevalence and cumulative incidence?
15. Define attributable risk and write its significance.
16. What is case report and write its limitations.
17. Give examples for drug induced birth defects.
