

**VINAYAKA MISSION'S RESEARCH FOUNDATION
(DEEMED TO BE UNIVERSITY), SALEM**

**M.PHARM. DEGREE EXAMINATION – July 2019
Second Semester**

BRANCH: PHARMACY PRACTICE

PHARMACOEPIDEMOLOGY AND PHARMACOECONOMICS

Time : Three hours

Maximum: 75 marks

**(Draw neat labeled diagrams wherever necessary
your answer should be specific to the questions asked)**

SECTION –A

I. Answer any **THREE** questions: **(3 x 15 = 45)**

1. Discuss the outcome measures in pharmacoepidemiology with suitable examples.
2. Define Pharmacoeconomics and the need of Pharmacoeconomics in Indian scenario. Discuss the various Pharmacoeconomic evaluation methods.
3. Define Pharmacoeconomic evaluations. Write the steps, applications, advantages and disadvantages involved in the Cost Effective Analysis.
4. Describe the spontaneous reporting and post marketing surveillance methods to study drug effects in populations.

SECTION –B

II. Answer any **THREE** questions: **(3 x 10 = 30)**

5. Explain in detail about cost utility analysis.
6. Write the applications, advantages and disadvantages of Decision and sensitivity analysis.
7. Write a note on Cross sectional and Case control studies.
8. Write a note on Quality Adjusted Life Years and Disability Adjusted Life Years.