

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

**M.PHARM. DEGREE EXAMINATION – December 2018  
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. How do you express the outcome of drug use in pharmacoepidemiological studies? Discuss briefly on meta-analysis.
2. Define Medication Adherence. Explain the methods of evaluation Medication Adherence.
3. Explain the need for measurement of health related quality of life with their merits and demerits.
4. Mention about the outcome and pharmacoeconomic measurements in health system.

**SECTION –B**

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

5. Write about concept of risk in pharmacoepidemiology.
6. Briefly write on cost-utility analysis.
7. Explain case series, cross sectional studies and cohort studies.
8. Discuss the history and need for pharmacoeconomics in health system.

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