

**THE TAMIL NADU DR. M.G.R. MEDICAL UNIVERSITY**

**[M.PHARM 1223]**

**DECEMBER 2023  
(OCTOBER 2023 EXAM SESSION)**

**Sub. Code: 2978**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER - II (PCI New Regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER IV – PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS**

*Q.P. Code: 262978*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. A) Define the term Pharmacoeconomics, the need for Pharmacoeconomics in Indian scenario.  
B) Discuss the types of pharmacoeconomic evaluation methods.
2. How do you express the outcome of drug use in pharmacoepidemiologic studies?  
Discuss briefly on meta-analysis.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Methods of medication adherence measurement.
2. Briefly discuss the 'concept of risk' in pharmacoepidemiology.
3. Prescription event monitoring and record linkage system.
4. Write a note on applications of Software in Pharmacoeconomics.
5. Elaborate on studies of vaccine safety.
6. Case Control studies.
7. Write a note on drug induced birth defects of Pharmacoepidemiology.

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