

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

**[MPHARM 0921]**

**SEPTEMBER 2021  
(OCTOBER 2020 EXAM SESSION)**

**Sub. Code: 2978**

**M.PHARMACY DEGREE EXAMINATION  
SEMESTER-II (PCI New regulations 2016)  
PHARMACY PRACTICE - MPP  
PAPER IV – PHARMACOEPIDEMOLOGY AND PHARMACOECONOMICS  
*Q.P. Code : 262978***

**Time : Three hours**

**Answer ALL Questions**

**Maximum : 75 Marks**

**I. Elaborate on:**

**(2 x 20 = 40)**

1. Elaborate on various quantitative methods used in pharmacoepidemiological studies.
2. Discuss in detail about need, significance and applications of conducting various pharmaco-economic analysis.

**II. Write notes on:**

**(7 x 5 = 35)**

1. Enumerate the steps involved in drug utilization review.
2. Describe the significance of decision analysis and decision tree. .
3. Write a note on prevalence and incidence risk.
4. Describe the applications of pharmacoepidemiology studies.
5. Write a note on post marketing surveillance with its limitations.
6. Describe the advantages and disadvantages of cost benefit analysis.
7. Write a note on methods used to measure medication adherence.

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