

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

[MPHARM 0122]

**JANUARY 2022
(APRIL 2021 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. Explain in detail on various drug use measures and outcome measures used in pharmacoepidemiology.
2. Describe cost minimisation analysis and cost effective analysis with its merits and demerits.

II. Write notes on:

(7 x 5 = 35)

1. Write a note on prescription event monitoring and record linkage system.
2. Describe the role of pharmacist in drug utilization review.
3. Write a note on odds ratio and calculation of odds ratio.
4. Describe the methods to estimate indirect cost.
5. Write a brief note on significance of Pharmacoeconomic studies.
6. Define relative risk and attributable risk with suitable example.
7. Write in brief on sensitivity analysis and Markov modeling.
