

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

**[PHARMD 0424]**

**APRIL 2024**

**Sub. Code: 3826**

**PHARM 'D' AND PHARM. 'D' (POST BACCALAUREATE) DEGREE  
EXAMINATION  
FIFTH YEAR (2009-2010 Regulation)  
PAPER II – PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS**

*Q.P. Code: 383826*

**Time: Three hours**

**Answer ALL Questions**

**Maximum: 70 Marks**

**I. Elaborate on:**

**(4 x 10 = 40)**

1. Discuss the various methods of Pharmacoeconomic evaluation.
2. Define pharmacoepidemiology. Explain the history and scope of pharmacoepidemiology.
3. Define record linkage system and explain the process of record linkage system and also explain the probabilistic and deterministic approach in record linkage system.
4. Explain in detail the concept of risk and measurement of risk of an ADR with respect to Attributable risk, Relative risk, Time risk relationship and Odds ratio.

**II. Write notes on:**

**(6 x 5 = 30)**

1. Define a cohort study with an example.
2. Describe spontaneous reporting system.
3. Write a note on studies on vaccine safety.
4. Write a note on case series with its advantages and disadvantages.
5. Write a note on prescription event monitoring.
6. Write a note on the aims of Pharmacoepidemiology.

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