

**QP CODE: 214332**

**Reg. No:.....**

**Second Semester M.Pharm Degree Examinations August 2018**

**M.Pharm (Pharmacy Practice)**

**Paper IV: Pharmacoepidemiology and Pharmacoeconomics (MPP 204T)**

**(2017 Scheme)**

**Time: 3 Hours**

**Total Marks: 75**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(3x10=30)**

1. Define pharmacoeconomics. Explain the outcome and measurements of pharmacoeconomics. Add notes on need for pharmacoeconomic studies in Indian health system.
2. What is post marketing surveillance. Explain the need and process of post marketing surveillance.
3. Describe the concept of risk. Discuss in details the measurement of risk, attributable risk and relative risk

**Short Notes**

**(9x5=45)**

4. Medication adherence measurement.
5. Meta-analysis.
6. Cost of illness (COI).
7. Briefly discuss about decision analysis and decision tree.
8. Drug utilization review.
9. Discuss the common health related quality of life (HRQOL) measurement.
10. Discuss the advantages and disadvantages of cost benefit analysis.
11. What is direct costs and indirect costs
12. Disability adjusted life years

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