

Exam Date & Time: 20-Jul-2022 (10:00 AM - 01:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

Manipal Academy of Higher Education, Manipal MPharm Theory End-Semester Examinations.

PHARMACOEPIDEMIOLOGY AND PHARMACOECONOMICS [PPR-MPP204T-S1]

Marks: 75

Duration: 180 mins.

SECTION - A

Answer all the questions.

Answer the following (10 marks x 5 = 50 marks)

- 1) Explain the various methods in medication adherence measurement. (10)
- 2) Explain any one analytical observational study with its flow chart, basic steps, and its advantages and limitations. (10)
- 3) Define pharmacoeconomics and explain how pharmacoeconomics categorizes costs citing examples. (10)
- 4) Explain the various steps in performing a pharmacoeconomic analysis. (10)
- 5) Describe briefly the steps in performing a decision analysis. (10)

SECTION - B

Answer all the questions.

Answer the following (5 marks x 5 = 25 marks)

- 6) Explain attributable risk giving an example. (5)
- 7) Explain spontaneous reporting system. (5)
- 8) Explain quality adjusted life years. (5)
- 9) Explain cost-effectiveness grid to illustrate the definition of cost-effectiveness. (5)
- 10) Explain the advantages and disadvantages of Markov modelling. (5)

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