

Question Paper

Exam Date & Time: 18-May-2023 (02:00 PM - 05:00 PM)



MANIPAL ACADEMY OF HIGHER EDUCATION

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

Pharmacoepidemiology and Pharmacoeconomics [PPR-MPP204T -S2]

Marks: 75

Duration: 180 mins.

SECTION - A

Answer all the questions.

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

- 1) Discuss the development of pharmacoepidemiology and the justification for conducting pharmacoepidemiological studies. (10)
- 2) Define drug utilization review (DUR) and describe the steps in conducting any quality-related DUR program (10)
- 3) Discuss in detail the applications of pharmacoeconomics. (10)
- 4) What is meant by cost-utility analysis? Describe the methods used to determine the quality-adjusted life year (QALY) scores. (10)
- 5) Write the importance of measuring HRQoL and explain the methods for assessing the psychometric properties of HRQoL instruments (10)

SECTION - B

Answer all the questions.

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

- 6) Enumerate drug use measures and explain any two measures. (5)
- 7) Explain cross-sectional study design. (5)
- 8) Explain person-time in pharmacoeconomics. (5)
- 9) Explain cost of illness study. (5)
- 10) Draw a decision tree and describe it using an example. (5)

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