

Roll No.

Total No. of Pages : 02

Total No. of Questions : 07

M.Sc. (Clinical Research) (Sem.-3)

Subject Code : UC-MSCR313-19

M.Code : 79937

Date of Examination : 23-12-22

Time : 2 Hrs.

Max. Marks : 35

INSTRUCTIONS TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **FIVE** questions carrying **ONE** marks each.
2. **SECTION-B** contains **THREE** questions carrying **FIVE** marks each and students have to attempt any **TWO** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

1. Answer briefly:
 - a. Why is significance of Health Economics?
 - b. What are the four basic types of pharmacoeconomic analysis?
 - c. Intervention A has utility score of 0.7 and length of life 5 years, intervention B has utility score of 0.5 and length of life 10 years. Which intervention is better in terms of QALYs?
 - d. What is health technology assessment?
 - e. What is bottom-up costing method in health technology assessment?

SECTION-B

2. Compare and contrast different types of pharmacoeconomic analyses.
3. Explain incremental cost-effectiveness ratio.
4. What is the scope of health technology assessment?

SECTION-C

5. Two interventions, Breathe Again and inhaled corticosteroids were compared. Total cost of treatment with Breathe Again was \$537 and it provided 90SFD. The cost of treatment with inhaled corticosteroids was \$320 and it provided 45 SFD. A day without asthma symptoms is worth \$5. Perform incremental net benefit analysis and comment if Breathe Again is cost effective.
6. What do you understand by “perspective in pharmacoeconomics analyses”? What are the different types of perspective and how do they differ from each other?
7. How do you conduct a health technology assessment? Discuss in detail.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.