

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, December 2022

Course: Health Economics and Outcome Research

Program: MSc-(CR)

Course Code: HSCR8003

Semester: 3rd

Time : 03 hrs.

Max. Marks: 100

Instructions: Attempt all sections

SECTION A

S. No.	Short answers/MCQs o/ Fill in the blanks (1.5 marks each)	30 Marks	CO
1	What is health economics?	1.5	CO1
2	Write about shifts and movements on the demand curve	1.5	CO5
3	What are imperfect market conditions?	1.5	CO5
4	Write about oligopoly market	1.5	CO5
5	What is market efficiency?	1.5	CO5
6	Write about positive externality with an example	1.5	CO5
7	Enumerate different costs in economic evaluation	1.5	CO2
8	What is opportunity cost?	1.5	CO2
9	What is Average cost?	1.5	CO2
10	Write about direct,indirect and intangible benefits	1.5	CO2
11	What is Markov model?	1.5	CO2
12	Define cost effective analysis	1.5	CO2
13	What is QALY?	1.5	CO2
14	What is Beneficence?	1.5	CO1
15	What are types of consent?	1.5	CO1
16	Enumerate mortality rates	1.5	CO2
17	Write about incidence and prevalence rates	1.5	CO2
18	Define Health technology assessment(HTA)	1.5	CO5

19	What are the 5 steps of HTA process?	1.5	CO5
20	What is Nudge concept?	1.5	CO3
SECTION B (20 marks) 4 questions 5 marks each			
Q	Short Answer Type Question (5 marks each) Scan and Upload 4 questions 5 marks each	20 Marks	CO
1	What are the various indicators of health and what are their uses?	5	CO2
2	Describe justice and its types in detail	5	CO1
3	What is Medicare and Medicaid?	5	CO3
4	Describe Tabulation and types of tables in health statistics	5	CO4
SECTION C 30 marks			
Q	Two case studies 15 marks each	30 Marks	CO
1	<p>Case study 1</p> <ol style="list-style-type: none"> 1. What is the below figure called ? 2. What does the horizontal axis represent ? 3. What is given on the vertical axis ? 4. What does the area of rectangle represent ? 5. Compare the expenditures of the two schools in different fields by the help of this diagram. 	15	CO4
<p>Fig 4.4 Component Bar diagram for expenditures of School I and School II.</p>			
2	Write in brief about the various types of hospital services comparing the various features of their functioning.	15	CO3
SECTION- D 20 marks			
Q	Long Answer type Questions Scan and Upload (10 marks each)	20 Marks	CO
1	Explain Case control and Cohort control studies in Epidemiology	10	CO1
2	Briefly describe features of various health committees in India.	10	CO5