

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
School of Health Sciences

END Semester Examination (ODD SEM) December 2021

Course: Health Economics and Outcome Research

Semester: III

Program: MSc Clinical Research

Course Code: HSCR8003

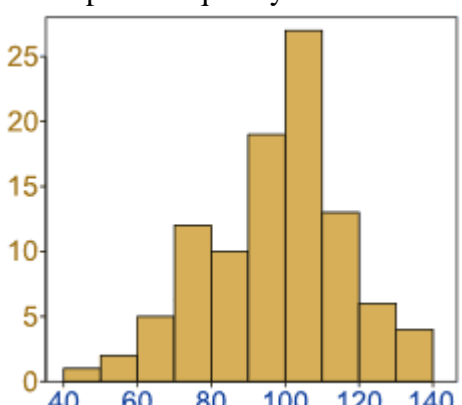
Time: 03 hrs.

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	Define health economics.	1.5	CO1
2	Distinguish between positive and normative economics.	1.5	CO2
3	Enumerate need for health economics.	1.5	CO3
4	What is the relevance of scarcity in health economics?	1.5	CO4
5	Distinguish between need, want and demand.	1.5	CO5
6	What is the difference between macroeconomics and microeconomics?	1.5	CO2
7	The relation between contact lenses and optometrist visits is Known as	1.5	CO3
8	Define substitutes(in Demand of health market)with examples.	1.5	CO2
9	What remains equal at equilibrium price?	1.5	CO3
10	What is positive externalities in healthcare market ?	1.5	CO2
11	What is government influence on healthcare market ?	1.5	CO3
12	Define epidemiology.	1.5	CO1
13	What are four types of economic evaluation ?	1.5	CO2
14	What is the difference between total cost,average cost and marginal cost ?	1.5	CO4
15	What is meant by behavioral ethics in health economics?	1.5	CO1
16	Name some government health insurance schemes.	1.5	CO2

17	What is universal health coverage (UHC)?	1.5	CO4
18	What is HTA(Health technology assessment)?	1.5	CO1
19	Give the process in conducting a HTA.	1.5	CO2
20	What is meant by “cooling off period”?	1.5	CO4
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	Compare types of sampling in biostatistics.	5	CO5
2	Describe cost benefit analysis in detail.	5	CO1
3	Write about the difference between private and central health insurance schemes.	5	CO1
4	Enumerate the steps in insurance claim settlement.	5	CO5
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. On joining the mid-points of the blocks in the figure below we get a 6. Explain frequency distribution with the help of this figure  <p>X-axis-Diastolic blood pressure Y-axis-Number of individuals What is the interpretation is this figure ?</p>	15	CO4
2	Write in brief about historical background , requirement, advantages , resource hubs,various studies conducted and the changes they made in government policies. Reframe	15	CO3

SECTION- D 20 marks			
Q	Long Answer type Questions Scan and Upload (10 marks each) word limit	20 Marks	CO
1	Explain dynamics of disease transmission in detail and role of epidemiology in health	10	CO5
2	Briefly describe the types of health insurance policies .	10	CO2