UPES
End Semester Examination, May 2025

Course: Health Economic and Outcome Research   Semester   : VI
Program: Int BMSC Clinical Research   Duration   : 3 Hours
Course Code: HSCR3017   Max. Marks: 100

Instructions: Attempt all the sections.

S. No.	Section A Short answer questions/ MCQ/T&F (20Qx1.5M= 30 Marks)	Marks	COs
Q1.	NOTP stands for_____.	1.5	CO2
Q2.	Write the full form for BIA.	1.5	CO1
Q3.	Arogya setu is an app used for_____.	1.5	CO2
Q4.	Define the term market efficiency.	1.5	CO2
Q5.	National medical register consists of _____.	1.5	CO2
Q6.	Define the term market equilibrium.	1.5	CO1
Q7.	The National Health Agency was founded on _____.	1.5	CO1
Q8.	UPI stands for_____.	1.5	CO2
Q9.	Write the full form for CUA.	1.5	CO2
Q10.	Define the term supply.	1.5	CO1
Q11.	The name of the current health minister is _____.	1.5	CO1
Q12.	Define economics of health.	1.5	CO1
Q13.	The objectives of HTAIn are_____.	1.5	CO2
Q14.	_____is the mission of AB PM-JAY.	1.5	CO2
Q15.	Microeconomics includes_____.	1.5	CO1
Q16.	Give three examples of statistical software packages.	1.5	CO2
Q17.	Write the full form of GDP.	1.5	CO1
Q18.	The term ACA stands for_____.	1.5	CO1
Q19.	_____ health insurance is also called group plan.	1.5	CO2
Q20.	Write the full form for CEA.	1.5	CO1
	Section B (4Qx5M=20 Marks)		
Q1.	Describe in detail the functions of NHA.	5	CO3
Q2.	Explain in detail about COI.	5	CO3
Q3.	Write the pros and cons of ACA	5	CO3

Q4.	Discuss in detail about market equilibrium.	5	CO4

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Section C
(2Qx15M=30 Marks)

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Q1.	Write the various implementation models being used for the implementation of AB PM-JAY. Discuss the key differences between the models of implementation.	(7.5+7.5)	CO5
Q2.	Explain HTA for cervical cancer screening in India.	15	CO5

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Section D
(2Qx10M=20 Marks)

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Q1.	Write in detail about the analytical model shown in the following figure.	10	CO4

State at time t	State at t + 1		
	Well	**Recurrence**	**Dead**
Well	1-(0.3 + 0.1)	0.3	0.1
Recurrence	0.1	1-(0.1 + 0.2)	0.2
Dead	0	0	1

Q2.	Study and interpret the following statistical data showing health care expenditure as percentage of GDP.	10	CO4

U.S. national health expenditure as percent of GDP from 1960 to 2022