

Name:

Enrolment No:



UNIVERSITY OF PETROLEUM AND ENERGY STUDIES
End Semester Examination, December 2021

Course: Energy Economics

Programme: BBA OG

Course Code: ECON2012P

Instructions:

Semester: V

Max. Marks: 100

Time: 3 Hours

SECTION A

S. No.	Tick the correct answer	Marks	CO
Q 1	The Indian government aims to increase renewable energy by 2022 to: a. 175 GW b. 197 GW c. 207 GW d. 227 GW	2	CO 1
Q2	India's installed renewable energy capacity in June 2021 stood at a. 90.96 GW b. 93.96 GW c. 96.96 GW d. 98.96 GW	2	CO 1
Q3	NPV stands for a Net Present value b Net Particulate value c Net Price value d New Pricing value	2	CO 1
Q4	Natural gas pricing mechanism involves the following a. Henry Hub and NBP b. Russia and Alberta c. Both A and B d. None of the above	2	CO 1
Q5	The petroleum fiscal regime model implemented by India is a. PSC b. RSC c. Concessionary d. Royalty and Tax	2	CO 1
Q6	India is a largest consumer of crude oil and petroleum products. a. First b. Second c. Third d. Fourth	2	CO 1
Q7	India imports% of total natural gas consumption a. First b. Second	2	CO 1

	c. Third d. Fourth		
Q8	OPEC was formed in a. 1950 b. 1955 c. 1960 d. 1965	2	CO 1
Q9	WTI is the crude oil benchmark of a. UK b. USA c. Russia d. Saudi Arabia	2	CO 1
Q10	India imports around% of total crude oil consumption a. 65 b. 75 c. 85 d. 95	2	CO 1
SECTION B			
Q 1	What are the key barriers to renewable-based transport growth?	5	CO 2
Q2	What are the key components of the oil value chain? Highlight the key activities.	5	CO 1
Q3	Why economic analysis of projects is important for oil and gas companies?	5	CO 2
Q4	Write a short note on the effect of Covid 19 on oil and gas investment.	5	CO 2
SECTION-C			
Q 1	Illustrate the government initiatives to promote renewable energy in India.	10	CO 1
Q2	Analyze the factors responsible for crude oil price volatility.	10	CO 3
Q3	Will natural gas enable India in achieving emissions goals? Support your answer with valid justification.	10	CO 3
SECTION-D			
Q1	Explain the economics fundamentals of the refining industry.	15	CO 2
Q2	What is climate change? How it is affecting the oil and gas industry? Describe the strategies adopted by the petroleum companies to overcome the climate change challenges.	15	CO 3