



Name:

Enrolment No:

UNIVERSITY OF PETROLEUM AND ENERGY STUDIES

End Semester Examination, May 2024

Course: Green Energy Pricing & Emissions Trading

Program: BBA Green Energy & Sustainability

Course Code: OGET3009

Semester: 6th

Time: 03 hrs.

Max. Marks: 100

Instructions:

SECTION A
10Qx2M=20Marks

S. No.		Marks	CO
Q1.	Natural Gas is not the cleanest burning fossil fuel. (True/False)	2	CO1
Q2.	Power Exchange in India is an example of Futures Market. (True/False)	2	CO2
Q3.	Justify the reasons for considering Cogeneration units as renewable energy generating units.	2	CO2
Q4.	Discuss Preferential Tariff method of trading green energy.	2	CO1
Q5.	Flexible fuel vehicles are vehicles running with fuel containing upto 35% ethanol. (True/False)	2	CO2
Q6.	Write a note on the Energy Mix of India.	2	CO2
Q7.	What is the primary difference between Forward and Futures markets?	2	CO1
Q8.	What is the Rational Use of Energy?	2	CO1
Q9.	India plans to produce at least 30% of its power from non fossil fuels by 2030. (True/False)	2	CO1
Q10.	CPP stands for: a. Captive Power Plant b. Central Power Plant c. Coal Based Power Plant d. Commissioned Power Plant	2	CO1

SECTION B
4Qx5M= 20 Marks

Q11.	Discuss any 2 Sustainable Development Goals and highlight their importance.	5	CO2
Q12.	Briefly discuss the Green Energy Market in India.	5	CO3
Q13.	Discuss the Role of the SLDC in an Open Access Transaction	5	CO3
Q14.	Discuss the role of Decentralized Generation in the Electricity Sector.	5	CO2

SECTION-C
3Qx10M=30 Marks

Q15.	Discuss the shortcomings of Banking of Power.	10	CO3
Q16.	Discuss the need and importance of the UN Sustainable Development Goals.	10	CO4
Q17	Discuss what is meant by the statement “Booking of Transmission Corridor under Open Access”	10	CO3

SECTION-D
2Qx15M= 30 Marks

Q18	Discuss in detail the REC Mechanism and its benefits for RE Generators.	15	CO4
Q19	Discuss the various methods introduced by the Government to encourage the consumption of Green Energy.	15	CO4