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**UNIVERSITY OF PETROLEUM
AND ENERGY STUDIES**



End Semester Examination, May 2018

Program: B.TECH (ET-LLB-IPR-NU)
Subject (Course): Carbon Trading
Course Code : ETEG441
No. of page/s: 01

Semester: VIII
Max. Marks: 100
Duration : 3 Hrs

SECTION A			
1.	Illustrate three effects of ozone layer depletion.	[4]	CO1
2.	Describe carbon credits?	[4]	CO1
3.	Comment on the need of tracking the emissions.	[4]	CO2
4.	Describe the components of the Green Supply Chain Management.	[4]	CO3
5.	Describe the three basic pillars of sustainability.	[4]	CO4
SECTION B			
6.	Explain Kyoto protocol, and what are its implications for developed and developing countries	[10]	CO1
7.	Illustrate the steps of GHG emission calculation.	[10]	CO2
8.	Explain the constituent & role of “COPs”.	[10]	CO4
9.	Describe the type of GHG Inventory & Uncertainties in those.	[10]	CO3
SECTION C (ANY 2)			
10.	Discuss some constructive measures that should be integrated by real estate to reduce the carbon emission.	[20]	CO4
11.	(a) Explain Energy Economy & its trends. (b) Elaborate the “Perspective of Policy Makers” in the context of carbon trading.	[20]	CO3
12.	As per Kyoto Protocol explain the division criteria of countries. In the above context elaborate on the Key Issues for the New Climate Agreement as discussed in COP21 which concluded in December2015.	[20]	CO1

SECTION A			
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1.	Discuss the potential impacts of climate change for India?	[4]	CO1
2.	Describe the importance of Emission estimates for developing countries.	[4]	CO2
3.	Illustrate CDM & its main objectives.	[4]	CO3
4.	Briefly describe the sustainability & its necessary components.	[4]	CO4
5.	Illustrate the role of biodiversity for climate change?	[4]	CO4
SECTION B			
6.	Explain the root cause of Global Warming & techniques to reduce.	[10]	CO1
7.	Define & compare Carbon tax V cap and trade.	[10]	CO1
8.	Explain the significance of “COP” and its role?	[10]	CO3
9.	Explain the term GHG Inventory Uncertainties along with the limitations of Uncertainties Estimates.	[10]	CO3
SECTION C (ANY 2)			
10.	Discus the impact of investment banking crisis & capital flows on carbon trading.	[20]	CO2
11.	Say I want to set up a small green business, composting and earthworm farming locally; would I get access to carbon trading? Discuss the business of composting & earthworm farming will attract carbon credits.	[20]	CO4
12.	Explain the division criteria of countries as per Kyoto protocol. Also discuss the decision taken in COP21.	[20]	CO1