

M.E. DEGREE EXAMINATIONS: NOV/DEC 2010

Third Semester

ENERGY ENGINEERING

EEG554: Clean Development Mechanism

Time: Three Hours

Maximum Marks: 100

**Answer ALL Questions:-
PART A (10 x 2 = 20 Marks)**

1. What is a climate system?
2. Define AGW.
3. How Industrial Revolution contributes to GHG emissions?
4. What is Kyoto protocol? And What is it aimed for?
5. Explain the general structure of Kyoto protocol.
6. What is meant by Emission Trading?
7. What are the Green & Red Industries?
8. Define "Baseline study".
9. How certification program leads to better control on emissions?
10. Describe "Carbon crediting".

PART B (5 x 16 = 80 Marks)

11. a) Discuss the observed and modeled changes in climate.

OR

- b) Explain briefly about attributed and expected effects of global warming
12. a) Describe the Historical background of Industrial Revolution leading to formation of Kyoto protocol.

OR

- b) Explain the importance of IPCC in capacity building and Kyoto protocol implementation.

13. a) Give brief description about Kyoto protocol articles 1 through 28.

OR

- b) List down the reduction commitment of Annexure B Countries and explain

14. a) Describe CDM and its economic viability for RE projects.

OR

- b) Elaborate the Baseline study methodology for wind power plant.

15. a) Describe Emission trade policies & implications.

OR

- b) Discuss the recent trends in CDM.

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