

Seat  
No.

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महात्मा - 008

## Environment & Energy Management

P. Pages : 1

Time : Three Hours

Max. Marks : 100

### Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Answersheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Attempt **any five** questions.
5. Illustrate your answers with suitable sketches.
6. Answers should be written in same answer books.

1. a) State and explain the environmental impact factors for power projects. 10  
b) What are socio - economic impacts and how are they measured ? 10
2. a) Differentiate between short term & long term effects. 10  
b) What is the concept of significance effect ? 10
3. a) What are the steps in performing fiscal impact Analysis. 10  
b) Discuss irreversible & irretrievable commitments of resources. 10
4. a) State the revisions and present state of implementation of energy conservation Act 2001. 10  
b) What do you understand by standardization and labeling with respect to environment & pollution control laws. 10
5. a) Role of UNFCCC in environment protection. 10  
b) Discuss methodology and procedures for CDM. 10
6. a) What are prototype carbon funds ? 10  
b) Discuss energy service companies & their role in energy efficiency projects. 10
7. a) What is the procedure for evaluation of energy efficient projects ? 10  
b) What are the various types of energy performance contracts ? 10
8. a) State the various ways of financing energy efficiency projects and also explain deferred payment financing. 10  
b) What are the CDM benefits for energy conservation projects ? 10