

B. Tech. FT 4th Semester F. Scheme Examination,  
May-2015

**ENERGY ENVIRONMENT ETHICS AND SOCIETY**

**Paper-FT-204-F**

*Time allowed : 3 hours] [Maximum marks : 100*

*Note : Section-A is compulsory. Attempt total five questions. Selecting at least one question from each unit. All questions carry equal marks.*

**Section-A**

1. Attempt all the 10 questions :

- What do you mean by energy environment.
- Define term of nuclear fusion energy.
- Explain the concept of global warming.
- What do you mean by exponential growth of population ?
- Define the term of socio-culture system.
- What do you mean by ecosystem ?
- Explain the term of energy balance of earth.
- Define the term of Food chains.
- What do you mean by ACM professional code ?
- Explain the concept of Water cycle.

**Unit-I**

- What is energy and explain the present Indian and global environment issues.
  - Write a short note on global energy solutions.
- What do you mean by renewable energy and explain its techniques used in renewable energy in present time in India.

**Unit-II**

- Explain the term society and discuss the impact of population, affluence and technology on the environment. <http://www.HaryanaPapers.com>
- Write short notes on :
  - Explain the environment impact assessment policy.
  - Socio-culture system
  - Environmentally optimum sustainable population.
  - Free access resources.

**Unit-III**

- What is Air Pollution ? What are the sources of  $\text{NO}_x$  and CH in the atmosphere ? Write the harmful effects of  $\text{NO}_x$  and CH. How can they be controlled ?

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7. Explain the product life cycle assessment for environment and explain the different provision of ISO 14000.

**Unit-IV**

8. Define moral values. Explain the importance of ethics in society. Discuss various ethical situations.
9. Write short notes on :
- (a) Common and professional ethics
  - (b) Explain the different ethical values criteria like utilizations.

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