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Roll No.

CC844

M. Sc. EXAMINATION, May 2019

(Third Semester)

(B. Scheme) (Re-appear)

ENVIRONMENTAL SCIENCE

ES211

Energy Policy and Planning

Time : 3 Hours]

[*Maximum Marks : 100*

Before answering the question-paper candidates should ensure that they have been supplied to correct and complete question-paper. No complaint, in this regard, will be entertained after the examination.

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. All questions carry equal marks.

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P.T.O.

Unit I

1. Discuss the main key areas on which National Energy Board focuses. Write the tariff and subsidy trend followed in energy sector in India. **20**
2. What is the role of subsidy in the pricing of a commodity ? In which situation would a subsidy be harmful or counterproductive ? **20**

Unit II

3. What is the role of state and central policies in energy sector ? How does it affect installation of new technology ? **20**
4. (a) How can private sector help in energy generation ? Describe in detail. **10**
(b) Explain the both positive and negative consequences of fully privatization of electricity board in your state. **10**

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Unit III

5. (a) Explain the various approaches used for the analysis of energy demand. **10**
(b) How does energy sector affecting economy of a country ? Explain by giving suitable examples. **10**
6. Write short notes on the following :
(a) Energy demand analysis
(b) Input output models. **20**

Unit IV

7. Explain the following terms :
(a) Scarcity rent
(b) Energy supply analysis. **20**
8. (a) Give an account of the cost of exploration and economics of utilization of depletable resources. **10**
(b) Explain the various approaches used for the analysis of energy demand and energy pricing. **10**

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