### Assignment 11

**Due on:** 2020-04-15, 23:59 IST.

#### Course Outline

- **Unit 13 - Week 11 - Net Energy Analysis (Continued), Energy Policy**

#### Practice Assignment

**Week 1 - Introduction**
- Traditional energy
- Renewable energy

**Week 2 - Energy and Security**
- Oil market analysis
- Energy security

**Week 3 - Energy Economics**
- Energy demand
- Energy supply

**Week 4 - Energy Resources**
- Fossil fuels
- Nuclear energy

**Week 5 - Non-Energy Economics**
- Energy and economic growth
- Energy and employment

**Week 6 - Policy and Energy**
- Energy policy
- Energy planning

**Week 7 - Public and private goods, Externalities**
- Public goods
- Private goods

**Week 8 - Energy and Planning**
- Energy sector planning
- Energy sector development

**Week 9 - Energy and Environment**
- Environmental impacts
- Sustainability

**Week 10 - Energy and Environment**
- Energy efficieny
- Renewable energy

**Week 11 - Net Energy Analysis (Continued), Energy Policy**
- Net Energy Analysis (Continued)
  - Energy policy
  - Energy efficiency

**Week 12 - Energy and Environment**
- Energy and climate change
- Energy and sustainability

**Week 13 - Energy and Environment**
- Energy and society
- Energy and culture

#### Assignment 11 Questions

1. The concept of sustainability involves:
   - Traditional energy
   - Renewable energy
   - All of the above
   - 
   - **Correct Answer:** A
   - 

2. For a price promotion strategy, having an average annual production of 100 million, the cumulative energy required (CER) is 500 GWh. Find out the total CO2 footprint of 10 million tons of this energy. 1 tonne = 1000 kg. 1 GWh = 10^9 W h. 1 tonne CO2 = 10^12 J.
   - 
   - **Correct Answer:** A
   - 

3. For the CER, the CO2 emissions over the entire lifetime of the health cost is 5000 tonnes. Based on the Carbon Dioxide, footprint (CO2) (kg CO2): 0.1 kg CO2.
   - 0.0
   - 0.1
   - 0.5
   - All of the above
   - 
   - **Correct Answer:** B
   - 

4. Which of the following are the energy goals as defined by global energy assessment?
   - Increased energy security
   - Better quality of life
   - Reduction of environmental and human health impacts
   - All of the above
   - 
   - **Correct Answer:** C
   - 

5. What type of visibility measurement is the Bihar state’s energy policy?
   - Regulating instrument
   - Fiscal and financial instrument
   - Subsidies
   - All of the above
   - 
   - **Correct Answer:** A
   - 

6. The main aim of the Unique Identification (UID) enabling the use of ERP among those who cannot afford it is:
   - Regulating instrument
   - Fiscal and financial instrument
   - Subsidies
   - None of the above
   - 
   - **Correct Answer:** B
   - 

7. What are the aims of the oil sector?
   - Economic efficiency
   - Energy security
   - Policy instruments
   - Fiscal and financial instrument
   - 
   - **Correct Answer:** D
   - 

8. The main aims of the oil sector are:
   - Economic efficiency
   - Energy security
   - Policy instruments
   - Fiscal and financial instrument
   - 
   - **Correct Answer:** A
   - 

9. The main aims of the oil sector are:
   - Economic efficiency
   - Energy security
   - Policy instruments
   - Fiscal and financial instrument
   - 
   - **Correct Answer:** A
   - 

10. Consider the impact of the CDP’s biodiversity policy launched by the government of India.
    - 
    - **Correct Answer:** A
    - 

#### Marks Out of 100

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