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

Assignment 11

The due date for submitting this assignment has passed.
As per our records you have not submitted this assignment.

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

1) The concept of sustainability analysis involves: *1 point*

- Thermodynamic analysis
- Economic analysis
- Life cycle analysis
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

2) For a zinc production facility, having an average annual production of 118 tonnes, the cumulative energy demand (CED) is 5 MJ/kg. Find out the total input energy consumed (in TJ) over the entire lifetime of 30 years. (1 tonne = 1000 kg, 1 TJ = 10^12 J = 10^6 MJ) *1 point*

- 17.7
- 177.7
- 11.5
- 188.6

No, the answer is incorrect.
Score: 0
Accepted Answers:
17.7

3) For the Q.2, if the total CO_2 emissions over the entire lifetime of the plant is 2832 tonnes, find out the Carbon Emission Footprint (CEF) [(kg CO_2 / kg zinc)]. *1 point*

- 0.9
- 8
- 0.8
- 9

No, the answer is incorrect.
Score: 0
Accepted Answers:
0.8

4) Which of the following are the energy goals as defined by Global Energy Assessment *1 point*

- Increase energy access for better quality of life
- Reduction of environmental and human health impacts
- Management of energy related market power
- Only b and c
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

5) What type of policy instrument is the Bharat Stage emission standards which are applicable on the motor vehicles in India ? *1 point*

- Regulating instrument
- Implied deregulation
- Fiscal and financial instrument
- Supportive action

No, the answer is incorrect.
Score: 0
Accepted Answers:
Regulating instrument

6) LPG subsidy is a _____ instrument to encourage the use of LPG among those who cannot afford it otherwise. *1 point*

- Regulating instrument
- Fiscal and financial
- Supportive action
- None of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Fiscal and financial

7) The resistance of a policy to external factors, such as any change in the environmental or political conditions is reflected by which criterion ? *1 point*

- Economic efficiency
- Equity
- Policy robustness
- Political acceptability

No, the answer is incorrect.
Score: 0
Accepted Answers:
Policy robustness

8) ECBC and TERI GRIHA come under what type of energy policy ? *1 point*

- Standards and Labelling
- Preferential Tariffs
- Building codes
- Carbon Tax

No, the answer is incorrect.
Score: 0
Accepted Answers:
Building codes

9) When a production subsidy or consumption subsidy is provided on the fuel price, the environmental damage _____ *1 point*

- Increases
- Decreases
- Remains same

No, the answer is incorrect.
Score: 0
Accepted Answers:
Increases

10) Consider the analysis of the Odd-Even policy launched by the Government of Delhi . *1 point*

Match Column I with Column II

Column I	Column II
1. Institution	a. Residents, public transport, commuters, police.
2. Policy instrument	b. Improvement of air quality in Delhi
3. Goal	c. Changes in PM 2.5 level
4. Stakeholders	d. Command and control
5. Method of analysis	e. Delhi Government, CPCB, Police

- 1-a, 2-d, 3-b, 4-e, 5-c
- 1-e, 2-d, 3-b, 4-a, 5-c
- 1-e, 2-d, 3-c, 4-a, 5-b
- 1-a, 2-d, 3-c, 4-e, 5-b

No, the answer is incorrect.
Score: 0
Accepted Answers:
1-e, 2-d, 3-b, 4-a, 5-c

11) Which among the following is the stakeholder of India's Intended Nationally Determined Contributions (INDCs) to UNFCCC? *1 point*

- Government of India
- Financing institutions
- Energy industry
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above

12) India's INDC commits to reducing the carbon intensity of the GDP by 33%-35% of the 2005 level by 2030. This can be achieved by *1 point*

- Reducing the carbon intensity of the energy sector
- Reducing the energy intensity of GDP
- Change the structure of economy
- Only a and b
- All of the above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of the above