



Unit 7 - Week 6

Course outline

How to access the portal

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Week 6

- Lecture 26: ISO 14040
- Lecture 27: Key Points of a Good LCA and Example LCA
- Lecture 28: Chemical Release in Environment
- Lecture 29: Green Sustainable Materials
- Lecture 30: Green Sustainable Materials (Contd.)
- Week 6: Lecture Material
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- Quiz : Assignment 6
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Week 7

Assignment 6

The due date for submitting this assignment has passed. **Due on 2018-03-21, 23:59 IST**
As per our records you have not submitted this assignment.

1) What is the smallest element in the Life Cycle Inventory Analysis for which input and output data are quantified? **1 point**

- Unit process
- Primary Function
- Basis parameter
- None of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

Unit process

2) Boiling point is the temperature at which- **1 point**

- Solid and liquid coexist at equilibrium
- The vapor pressure is equal to atmospheric pressure
- The vapor pressure of liquid solvent and solid solvent are equal
- All of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

The vapor pressure is equal to atmospheric pressure

3) Out of the followings which is the scarcest element? **1 point**

- Ca
- Mg
- Si
- Sn

No, the answer is incorrect.

Score: 0

Accepted Answers:

Sn

4) Which country is the world's leading importer of iron? **1 point**

- United States
- Belgium
- Brazil
- Netherlands

Week 8

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No, the answer is incorrect.**Score: 0****Accepted Answers:***United States*

5) Which international standard is followed in LCA?

1 point

- ISO 14045
- ISO 14046
- ISO 14440
- ISO 14040

No, the answer is incorrect.**Score: 0****Accepted Answers:***ISO 14040*

6) Out of the following options which are the aim of screening Step approach?

1 point

- Order of magnitude
- Important contributors
- Detailed investigation of contributors
- Clearly define "What", "What For"

No, the answer is incorrect.**Score: 0****Accepted Answers:***Order of magnitude**Important contributors*

7) What can be done with Life Cycle Assessment (LCA)?

1 point

- Public Policy making
- Environmental Accounting
- Impact Modelling
- Cure-all for our environment

No, the answer is incorrect.**Score: 0****Accepted Answers:***Public Policy making**Environmental Accounting*

8) Life Cycle Inventory (LCI) is the compilation and quantification of inputs and outputs for a product throughout its life cycle.

1 point

- True
- False

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

9) Life Cycle Impact Assessment is the evaluation of the magnitude and significance of the potential environmental impacts for a product system throughout the life cycle of the product.

1 point

- True
- False

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

10) The flow exist between unit processes of a product system is known as reference flow?

1 point

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

False

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