

reviewer2@nptel.iitm.ac.in ▼

#### Courses » Sustainable Engineering Concepts And Life Cycle Analysis

Announcements

Course

Ask a Question

**Progress** 

## Unit 7 - Week 6



# Course outline How to access the portal Week 1 Week 2

Week 3 Week 4

Week 5

#### Week 6

- O 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
- Calculation Lecture 30: Green Sustainable Materials (Contd.)
- Week 6: Lecture Material
- Feedback for week 6
- OQuiz: Assignment 6
- Assignment Solution: Week 6

Week 7

# **Assignment 6**

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

1 point

1 point

1 point

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

  - Ca
  - O Mg
  - Si
  - Sn

#### No, the answer is incorrect.

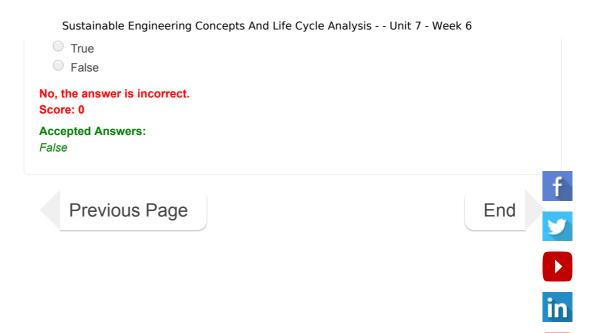
Score: 0

### **Accepted Answers:**

- 4) Which country is the world's leading importer of iron?

  - United States
  - Belgium
  - Brazil
  - Netherlands

77/2020	Sustainable Engineering Concepts And Life Cycle Analysis Onic 7 - Week o	
Week 8	No, the answer is incorrect. Score: 0	
DOWNLOAD VIDEOS	Accepted Answers: United States	
Tutorials	5) Which international standard is followed in LCA?	1 point
	ISO 14045 ISO 14046	f
	<ul><li>☐ ISO 14440</li><li>☐ ISO 14040</li></ul>	
	No, the answer is incorrect. Score: 0	5
	Accepted Answers:	
	ISO 14040	
	6) Out of the following options which are the aim of screening Step approach?	1 pc in
	Order of magnitude	g
	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



© 2014 NPTEL - Privacy & Terms - Honor Code - FAQs -

A project of



In association with



Funded by

Government of India Ministry of Human Resource Development

Powered by

