

Unit 3 - Week 2

Course outline

How to access the portal

Week 1

Week 2

- Role of Materials and Embodied Energy
- Case Study for Energy in Building
- Calculation of Ecological Footprint
- Role of Cement in Sustainability and Calculation of Chemical Exergy
- PDF file
- Quiz : Week 2 : Assignment 2
- Feedback Form

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Week 9

Week 10

Week 11

Week 12

Solution of Assignment

Week 2 : Assignment 2

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

Due on 2019-08-21, 23:59 IST.

- 1) Green materials are sustainable and have high embodied energy. 2 points
- Above statement is true
 Above statement is partially true
 Above statement is false

No, the answer is incorrect.
Score: 0

Accepted Answers:
Above statement is partially true

- 2) Primary energy is 2 points
- Energy obtained by transformation
 Always non-renewable
 Pure energy directly obtained from nature
 None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Pure energy directly obtained from nature

- 3) The energy used in production and transportation of materials is called? 2 points
- Embodied energy
 Primary energy
 Derived energy
 Energy efficiency

No, the answer is incorrect.
Score: 0

Accepted Answers:
Embodied energy

- 4) Which of the following is a major source of carbon dioxide emission? 3 points
- Fossil fuel
 Pollution of oceans
 Cement production
 Climate change

No, the answer is incorrect.
Score: 0

Accepted Answers:
Fossil fuel
Cement production

- 5) Largest producer of cement in the world is? 2 points
- Japan
 Russia
 China
 India

No, the answer is incorrect.
Score: 0

Accepted Answers:
China

- 6) Which of the following is not a method of energy analysis 2 points
- Hybrid analysis
 Process analysis
 Energy cycle study
 Statistical analysis

No, the answer is incorrect.
Score: 0

Accepted Answers:
Energy cycle study

- 7) Which of the following is not true about energy? 2 points
- Gives a value of the theoretical work obtainable from a system
 Cannot be destroyed since it is a primary source of energy
 Can be destroyed
 Is reversible

No, the answer is incorrect.
Score: 0

Accepted Answers:
Can be destroyed

- 8) Which of the following can be categorized as a biologically productive area? 3 points
- Marine land
 In land fertile areas
 Forest area
 Large river
 All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

- 9) Net biomass productivity is the difference between the gross biomass productivity and _____? 2 points
- Respiration
 Perspiration
 Evaporation
 Condensation

No, the answer is incorrect.
Score: 0

Accepted Answers:
Respiration