

Unit 8 - Week 7

Course outline

How does an NPTEL online course work?

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Lecture 31 Materials and Resources - I

Lecture 32 Materials and Resources - II

Lecture 33 Materials and Resources - III

Lecture 34 Materials and Resources - IV

Lecture 35 Materials and Resources - V

Quiz : Assignment 7

Solution for Assignment 7

Week 8

Week 9

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Week 12

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Assignment 7

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

Due on 2020-03-18, 23:59 IST.

1) Which of the following is not an environmental impact of solid waste disposal on land? 1 point

- Fire within the waste dumped
- Surface water contamination by the run-off from the waste dumped
- Bad odour, pests, rodents and wind-blown litter in and around the waste dumped
- Solidification of the soil and formation of rocks

No, the answer is incorrect.
Score: 0

Accepted Answers:
Solidification of the soil and formation of rocks

2) One of the method of reducing the waste at source is by adoption of industrial standards for product manufacturing and packaging that use less materials. 1 point

- True
- False

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

3) Anaerobic digestion and biomethanation are technologies used to process _____. 1 point

- Plastic Waste
- Organic and Garden Waste
- Radioactive Waste
- Radioactive Waste

No, the answer is incorrect.
Score: 0

Accepted Answers:
Organic and Garden Waste

4) For a building, which of the following statements is true to show compliance for waste management criteria in buildings: 1 point

- a. Maximise resource recovery and safe disposal of wastes generated during construction and reduce the burden on landfill
- b. Always use a single bin for all types of waste collection
- c. Resource recovery systems for biodegradable waste as per the Solid Waste Management and Handling Rules, 2000 of the MoEF.

- a and b
- a and c
- b and c
- All the three a, b, c

No, the answer is incorrect.
Score: 0

Accepted Answers:
a and c

5) What is Adaptive reuse of a space? 1 point

- The renovation of the space with new materials in place of old materials
- The renovation of a space for a purpose different from the original.
- The renovation of a space with already used materials
- The renovation of a space with addition of insulation

No, the answer is incorrect.
Score: 0

Accepted Answers:
The renovation of a space for a purpose different from the original.

6) In calculation of life cycle energy of a material, Cradle to Grave implies: 1 point

- From Raw material extraction to the Installation and construction
- From Raw material extraction till the manufacturing of the product
- From Raw material extraction to the disposal and end of the life of the material
- From Raw material extraction to the transportation to the factory to manufacturer the material

No, the answer is incorrect.
Score: 0

Accepted Answers:
From Raw material extraction to the disposal and end of the life of the material

7) Fly ash can be used as a substitute for Portland cement. 1 point

- True
- False

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

8) The portion of material in a given product that is recycled from manufacturing wastes is called _____. 1 point

- Post consumer recycled content
- Pre consumer recycled content
- Pre Industrial recycled content

No, the answer is incorrect.
Score: 0

Accepted Answers:
Pre consumer recycled content

9) FSC certification is only given to forest products. 1 point

- True
- False

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

10) If a vendor is selling a FSC certified product he should have 0 points

- FSC certificate
- COC number
- Tracking code
- All the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
FSC certificate