Unit 12 - Week 10 : Other Design for Sustainability Tools and approaches

Question Paper Week 10

The due date for submitting this assignment has passed. Due on 2019-10-09, 23:59 IST. As per our records you have not submitted this assignment.

1) A distributed economy has
   - Standalone/ peer-to-peer connected to share resources/ goods [ ]
   - Small scale production units [ ]
   - Small hierarchical distribution network [ ]
   - Nearby end-users (B2B, B2C) [ ]
   - Many and distant end-users (B2B, B2C) [ ]
   - Located by the end-users (become the producer - individual/ entrepreneur/ organisation) [ ]

   No, the answer is incorrect.
   Score: 0

   Accepted Answers:
   Standalone/ peer-to-peer connected to share resources/ goods
   Small scale production units
   Located by the end-users (become the producer - individual/ entrepreneur/ organisation)

2) Study this case example - https://youtu.be/QyweD6yvkAs

   This is an example of
   - Centralized Production [ ]
   - Decentralised Production [ ]
   - Distributed Production [ ]
   - A combination of centralized production and distributed production [ ]
   - A combination of centralized production and distributed production [ ]

   No, the answer is incorrect.
   Score: 0
Definition, types & Examples

Week 6 : Sustainable Product-Service System – Transition Path and Challenges

Week 7 : Designing for Sustainable Product-Service System – Methods and Tools

Week 8 : Designing for Sustainable Product-Service System – Methods and Tools

Week 9 : Designing for Sustainable Product-Service System – Methods and Tools

Week 10 : Other Design for Sustainability Tools and approaches

3) If I install a vertical garden in my house to grow vegetables for my family, I am using the concept of:

- Centralized connected DE
- Standalone DE
- Network of Networks DE
- Network DE

No, the answer is incorrect.
Score: 0

Accepted Answers:
Standalone DE

4) In order to convert the above into a Network DE:

- My neighbours should also start their own vertical gardens, each growing different kinds of produce and we then mutually share (by selling) the produce to be able to meet some of our vegetable requirements.
- For rest of the vegetable needs, each one goes to the city’s vegetable market.
- Many neighborhoods in the city decide to opt for the sort of arrangement mentioned in first option. The vertical garden owners estimate what will be their excess produce each day/week and put it up for sharing (by selling) on an online platform for other neighborhoods.

No, the answer is incorrect.
Score: 0

Accepted Answers:
My neighbours should also start their own vertical gardens, each growing different kinds of produce and we then mutually share (by selling) the produce to be able to meet our vegetable requirements.

5) Study this example - https://www.youtube.com/watch?v=-WC1Yq1S7lY (https://www.youtube.com/watch?v=-WC1Yq1S7lY). This is an example of

- Platform to enable Distributed Energy Consumption
- Platform to enable Distributed Production
- Platform to enable Distributed Production of Software
- Platform to enable Distributed Design

No, the answer is incorrect.
Score: 0

Accepted Answers:
Platform to enable Distributed Production
Platform to enable Distributed Design

6) In the context of architectural spaces, “Design for well-being” will imply the following considerations:

- Reduced parking footprint
- Thermal Comfort
- Construction Management
- Visual Comfort
- Rainwater harvesting
- Acoustic Comfort

No, the answer is incorrect.
Score: 0
7) Sustainability Assessment of Food and Agricultural Systems is applicable on:  
- products  
- enterprises  
- processes  
- food and agriculture value chains

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
- enterprises  
- food and agriculture value chains

8) SAFA and LCA share the following features:
- analysis of lifecycle of products  
- analysis of inputs  
- analysis of outputs  
- analysis of environmental impacts  
- analysis of life-cycle of enterprises  
- analysis of life-cycle of PSS

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
- analysis of inputs  
- analysis of outputs  
- analysis of environmental impacts

9) COSA is a method:
- focusing on supply chains and the evaluation of enterprise(s) in those supply chains  
- for assessment and monitoring of Producer Organisations towards sustainability  
- which uses a questionnaire based method to interview farmers to assess the sustainability  
- applicable for assessment of sustainability of agricultural consumption and production

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
- for assessment and monitoring of Producer Organisations towards sustainability

10) Recall the case study on Sualkuchi presented in the Week 7 lectures. It was an example of:
- distributed energy  
- distributed design  
- distributed manufacturing  
- centralized distribution

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
- distributed design  
- distributed manufacturing

11) MPower is an example of:

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