

Unit 4 - Week 2

Course outline

How does an NPTEL online course work?

Week 0

Week 1

Week 2

● Lecture 5 : Challenges of Reaching a Million Users by Prof. Chetan Solanki and Prof Jayendran V Part 1

○ Lecture 6 : Challenges of Reaching a Million Users by Prof. Chetan Solanki and Prof Jayendran V Part 2

● Lecture 7 : Challenges of Reaching a Million Users by Prof. Chetan Solanki and Prof Jayendran V Part 3

○ Weekly Feedback

○ Download Videos

○ Quiz : Assignment 2

○ Assignment 2 solutions

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

Assignment 2

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

Due on 2020-03-11, 23:59 IST.

1) Localization of a project means:

1 point

- Selling a product in a remote locality.
- Buying local products and distributing them in the market.
- Involving local communities extensively in the operation of a project.
- Generating traditional crafts.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Involving local communities extensively in the operation of a project.

2) The solar lamp initially had the following issues:

1 point

- It was very heavy and difficult to carry.
- It was aesthetically beautiful and looked like a premium product.
- It casted bigger shadows of itself and had maintenance problems.
- It could only be hung from the ceiling and not placed on the table.

No, the answer is incorrect.
Score: 0

Accepted Answers:
It casted bigger shadows of itself and had maintenance problems.

3) Which one of the initial steps of the energy ladder did the solar lamp fall into?

1 point

- Small Lighting for Study Purpose
- Complete Lighting for Residential purpose
- Lighting for cattle
- Lighting for farming

No, the answer is incorrect.
Score: 0

Accepted Answers:
Small Lighting for Study Purpose

4) Which of the following is NOT a way to optimize the cost of solar lamp?

1 point

- Have a low cost minimal design
- Avail Government subsidies and philanthropic aids.
- Involve locals in the assembling and distribution.
- Subsidizing the manufacturing of LED lamps.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Subsidizing the manufacturing of LED lamps.

5) How does SoULS training program helps to reduce the operational costs of the lamp?

1 point

- By making the local politician know about the SoULS model.
- By spreading awareness about technical research.
- By training villagers to assemble, repair and maintain the lamps.
- By training villagers to generate money from charities.

No, the answer is incorrect.
Score: 0

Accepted Answers:
By training villagers to assemble, repair and maintain the lamps.

6) Leakages in the business model of solar lamps means:

1 point

- Fabricating the same lamp by others and selling it at higher rates.
- The battery gets stolen from the assembly plants.
- The prices of circuits keep fluctuating.
- Plagiarism of the business model and apply into some other commodity.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Fabricating the same lamp by others and selling it at higher rates.

7) Objective of SoUL in Rural India is:

1 point

- Understanding the need of the community and provide external aid.
- Learn the needs of rural India and take it forward to the Ministry.
- Provide solar lamps to students, generate employment and create a solar market.
- Document and publish the plights of the rural Indians and attract investors.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Provide solar lamps to students, generate employment and create a solar market.

8) Which one of the following is NOT a benefit of 'Energy Swaraj'?

1 point

- Local financial mechanism and economic development.
- Local consumers.
- Local manufacturing and infrastructure creation.
- Local health benefits.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Local health benefits.

9) Community Based System Dynamics involves:

1 point

- Rural people involved in the research of problem finding.
- Community into making a product in a predefined set of assembly line.
- Women of the rural areas to decide if they want to collaborate.
- School students come up with ideas to solve sanitation issues.

No, the answer is incorrect.
Score: 0

Accepted Answers:
Rural people involved in the research of problem finding.