

X

NPTEL

reviewer3@nptel.iitm.ac.in ▼

Courses » Sustainability through Green Manufacturing Systems: An Applied Approach

Announcements **Course** Ask a Question Progress Mentor FAQ

Unit 6 - Week 4

Course outline

[How to access the portal](#)[Week 0](#)[Week 1](#)[Week 2](#)[Week 3](#)**Week 4**[Lecture 11: Life Cycle Assessment Continued](#)[Lecture 12: Manufacturing System Constituents](#)[Lecture 13: Basic Modeling Concepts for Factory Simulation](#)[Lecture 14: Basic Modeling Concepts for Factory Simulation Continued](#)[Quiz : Assignment 4](#)[WEEK 4](#)

Assignment 4

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2018-09-26, 23:59 IST.**

1) Which of the following is a part of recurring embodied energy? **1 point**

- HVAC
- Boilers
- Lighting
- All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

2) Who takes the decision at the Macro planning stage of manufacturing? **1 point**

- The machinist
- The supervisor
- The shop manager
- The top management

No, the answer is incorrect.
Score: 0

Accepted Answers:
The shop manager

3) "Production planning is a hierarchical process." The above statement is **1 point**

- True
- False

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



A project of



In association with



Funded by

Solution:
Assignment 4

Week 5

Week 6

Week 7

Week 8

- Highly automated process with less labor requirement
- Less automated with high labor requirement
- Moderately automated with moderate requirement of labor
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Highly automated process with less labor requirement

5) "Batch production system contains characteristics of both flow shop and job shop." **1 point**
The above statement is

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

6) What is a "job"? **1 point**

- Operations that bring some physical change to material
- A collection of operations on a single product
- The final outcome of the operations scheduling
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

A collection of operations on a single product

7) The production system that manufactures readymade dress or ready to wear dress is **1 point**
termed as

- Make-to-stock production system
- Make-to-order production system
- Engineer-to-order production system
- None of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Make-to-stock production system

8) Column A consists of the name of a process, and Column B consists of possible Process **3 points**
layout. Establish a possible match between column A and B.

A	B
i) Water bottling	a) Batch production system
ii) Car manufacturing	b) Fixed position layout
iii) A chinese roadside food stall	c) Product layout
iv) Ship building	d) Process layout

- (i)-(c), (ii)-(d), (iii)-(a), (iv)-(b)

- (i)-(b), (ii)-(a), (iii)-(d), (iv)-(c)
- (i)-(c), (ii)-(a), (iii)-(d), (iv)-(b)
- (i)-(d), (ii)-(a), (iii)-(c), (iv)-(b)

No, the answer is incorrect.

Score: 0

Accepted Answers:

(i)-(c), (ii)-(a), (iii)-(d), (iv)-(b)

Previous Page

End