Unit 13 - Week 11

Course outline

How does an NPTEL online course work?

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Week 01

Week 02

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Week 11

- Lecture 44, Material Handling, Dr. Janakarajan Ramkumar
- Lecture 45, Laboratory Demonstration, Plant Simulation software (part 1 of 3), Dr. Amandeep Singh
- Lecture 46, Laboratory Demonstration, Plant Simulation software (part 2 of 3), Dr. Amandeep Singh
- Lecture 47, Laboratory Demonstration, Plant Simulation software (part 3 of 3), Dr. Amandeep Singh
- Quiz : Assignment 11
- Computer Integrated Manufacturing: Week 11 Feedback
- Solution: Assignment 11

Week 12

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Assignment 11

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

Due on 2020-04-15, 23:59 IST.

1) Material handling in Industry is estimated to represent 2-4 % of total manufacturing labor cost. *1 point*

- True
- False

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

2) According to material handling principles, gravity must not be used for transportation of goods inside the industry. *1 point*

- True
- False

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

3) According to material handling principles, rehandling and back tracking of materials should be _____. *1 point*

- indulged
- avoided
- Both of these
- None of these

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

4) Increasing the storage capacity is also an objective of material handling. *1 point*

- True
- False

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

5) In material handling, 'unit load' is a single entity in a lot that is moving from one point to another. *1 point*

- True
- False

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

6) An Automated Guided Vehicle System (AGVS) is a material handling system that is _____operated, _____ vehicles, guided along defined pathways. *1 point*

- independently, self-propelled
- dependently, human-propelled
- independently, human-propelled
- dependently, self-propelled

No, the answer is incorrect.
Score: 0
Accepted Answers:
independently, self-propelled

7) In a product manufacturing industry, which type of material handling equipment will be preferred to be used for transportation in fixed straight path continuously, for large number of units? *1 point*

- AGV
- Cranes & hoists
- Conveyors
- Industrial trucks

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

8) _____ & _____ are used for horizontal & vertical movement of materials in the industry respectively. *1 point*

- monorails, conveyors
- conveyors , AGVs
- AGVs, cranes
- cranes , hoists

No, the answer is incorrect.
Score: 0
Accepted Answers:
cranes , hoists

9) In Siemens PLM software, _____ covers the Enterprise Resource Planning activities. *1 point*

- NX
- Technomatix
- Teamcenter
- None of these

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

10) Triangular distribution is also known as Lack of Knowledge distribution. *1 point*

- True
- False

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