Assignment 0

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment. Due on 2019-02-04, 23:59 IST.

1) Which of the following is the primary goal of an organization? 1 point

- To provide employment opportunities
- To make money both now and in future
- To be the market leader
- To provide quality products to the customer

No, the answer is incorrect.
Score: 0

Accepted Answers:
To make money both now and in future

2) Which of the following layouts is used for mid volume mid variety manufacturing? 1 point

- Line layout
- Product layout
- Fixed position layout
- Cellular Layout

No, the answer is incorrect.
Score: 0

Accepted Answers:
Cellular Layout

3) Which of the following comes from the Japanese manufacturing practices? 1 point

- Flexible Manufacturing
- Just in time manufacturing
- Cellular Manufacturing
- Synchronous Manufacturing

No, the answer is incorrect.
Score: 0

Accepted Answers:

5) In a time series forecasting model

- The X axis variable is time
- The model is of the form \( Y = a + bX \)
- There is a casual variable which affects the dependent variable
- The model is of the form: \( Y = a + bX^2 \)

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Simple average
- Moving average
- Linear model
- Simple exponential smoothing

6) Inventory exists in the form of

- Units in stock
- Money value
- Time
- Overtime capacity

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Units in stock
- Money value
- Time

7) In scheduling makespan is defined as

- Time at which the first job is completed
- Time at which all jobs are completed
- Number of jobs that are completed within the due dates
- Number of jobs completed after the due date

No, the answer is incorrect.
Score: 0
Accepted Answers:
- Time at which all jobs are completed

8) Given \( n \) jobs, how many feasible solutions exist in a single machine sequencing problem?

- \( n \) solutions
- \( n^2 \) solutions
9) In the EOQ derivation, the average inventory in the system is taken as
   - Q
   - 2Q
   - Q/4
   - Q/2

   No, the answer is incorrect.
   Score: 0
   Accepted Answers:
   Q/2

10) Gantt charts are used in
   - Forecasting
   - Planning
   - Scheduling
   - Inventory

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