

Unit 2 - Week 1

Course outline

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Week 1

- Work System Design: Introduction
- Introduction and Concept of Productivity
- Measurement of Productivity
- Productivity Measures
- Productivity Measurement Models
- Quiz : Assignment 1**
- Solution for Assignment 1

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Assignment 1

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

Due on 2019-08-14, 23:59 IST.

1) Productivity is the ratio of what is produced to what is required to produce it. **1 point**

- True
 False

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

2) During an 8-hour duty shift, a single job takes 30 minutes to complete. But after 8 hours, an operator is able to complete only 14 such jobs. The operator's performance in % is: **1 point**

- 77.5
 78.5
 87.5
 97.5

No, the answer is incorrect.
Score: 0

Accepted Answers:
87.5

3) Productivity is directly related to profits. In other words, a profitable organization is always productive. The above statement is; **1 point**

- True
 False

No, the answer is incorrect.
Score: 0

Accepted Answers:
False

4) Which of the following is NOT an example of an input to the production system. **1 point**

- Time taken to carry out a job
 Labour force or man hours, man days
 Area of land
 Volume of material or fluid used

No, the answer is incorrect.
Score: 0

Accepted Answers:
Time taken to carry out a job

5) Objective (s) of Productivity Measurement is (are); **1 point**

- To compare an organization with its competitors in the market.
 To find out the relative performance of different employees, units and departments.
 To compare relative benefits of different types of input according to their output.
 All of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

6) The following approach (es) is (are) used for Productivity Measurement: **1 point**

- The Kurosawa structural approach
 Lawlor's approach
 Gold's approach
 All of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of the above

7) Which of the following productivity measurement model is also known as the "service flow model"? **1 point**

- Craig and Harris Model
 Taylor-Davis Model
 American Productivity Centre (APC) Model
 None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Craig and Harris Model

8) The work system design approach is based on which of the following module (s)? **1 point**

- Productivity
 Method study
 Work measurement
 All of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
All of these

9) Which of the following is (are) NOT a cause of low productivity. **1 point**

- Wastage of resources during manufacturing/consumption.
 Decrease in wages and incentives with considering increase in productivity.
 Delays and backlogs caused by strikes, maintenance breakdowns, slowdowns
 None of the above

No, the answer is incorrect.
Score: 0

Accepted Answers:
Decrease in wages and incentives with considering increase in productivity.

10) Work System Design deals with the systematic examination of the methods of doing work with an aim of finding the means of; **1 point**

I Effective use of resources

II Efficient use of resources

- Only I
 Only II
 Both I and II
 None of these

No, the answer is incorrect.
Score: 0

Accepted Answers:
Both I and II