

Unit 9 - Week 8

Course outline

How to access the portal

Week 1

Week 2

Week 3

Week 4

Week 5

Week 6

Week 7

Week 8

 Work Measurement: Basic Concept

 Techniques of Work Measurement

 Steps Involved in Time Study

 Steps and Equipment of Time Study

 Performance Rating

 Quiz : Assignment 8
 Solution for Assignment 8

Week 9

Week 10

Week 11

Week 12

Feedback Link

Download Videos

Text Transcripts

Assignment 8

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

Due on 2019-09-25, 23:59 IST.

1) _____ is the application of techniques designed to establish the time for a qualified worker to carry out specified jobs at a defined level of performance. **1 point**

- Work sampling
 Work measurement

No, the answer is incorrect.
Score: 0

Accepted Answers:
Work measurement

2) _____ refers to the estimation of standard time for an activity, that is the time allowed for completing one piece of job by using the prescribed method. **1 point**

- Method study
 Work measurement
 Cycle graph
 Chronocyclegraph

No, the answer is incorrect.
Score: 0

Accepted Answers:
Work measurement

3) The objectives of work measurement are; **1 point**
 (I) To maximize the human effort
 (II) To compare the time of performance by alternative methods
 (III) To analyze the activities for doing a job

- I and II
 I and III
 II and III
 I, II and III

No, the answer is incorrect.
Score: 0

Accepted Answers:
II and III

4) _____ of work measurement is most widely used among all the techniques. **1 point**

- Stop watch time study technique
 Work sampling
 Historical data method
 Predetermined motion time system

No, the answer is incorrect.
Score: 0

Accepted Answers:
Stop watch time study technique

5) Which of the following are the techniques of work measurement. **1 point**
 (I) Work sampling
 (II) Synthetic data
 (III) Predetermined motion time system
 (IV) Analytical estimation

- I, II and III
 II and III
 I, II, III and IV
 II, III and IV

No, the answer is incorrect.
Score: 0

Accepted Answers:
I, II, III and IV

6) Wink is the unit of measurement for time in Predetermined Motion Time System (PMTS) technique. **1 point**

- True
 False

No, the answer is incorrect.
Score: 0

Accepted Answers:
False

7) Match the following; **1 point**
 a Work sampling 1 Short cycle repetitive jobs and widely used for direct work.
 b Analytical estimation 2 Long cycle jobs and heterogeneous operations.
 c PMTS (MTM) 3 Short cycle non-repetitive jobs.
 d Time study 4 Manual operations confined to one work centre.

- a-1, b-4, c-3, d-2
 a-4, b-2, c-1, d-3
 a-3, b-2, c-1, d-4
 a-2, b-3, c-4, d-1

No, the answer is incorrect.
Score: 0

Accepted Answers:
a-2, b-3, c-4, d-1

8) A work cycle is the sequence of elements which are required to perform a job or yield a unit of production. **1 point**

- True
 False

No, the answer is incorrect.
Score: 0

Accepted Answers:
True

9) In _____, the hands of the stop watch are returned to zero at the end of each element and allowed to start immediately, the time for each element is obtained directly. **1 point**

- Fly back timing
 Cumulative timing

No, the answer is incorrect.
Score: 0

Accepted Answers:
Fly back timing

10)The general guidelines for selecting the job for time study are; **1 point**
 (I) Repetitive jobs
 (II) Jobs with longer cycle time
 (III) Jobs using a greater deal of manual labor
 (IV) Bottle-neck operations

- I, III
 I, II, III and IV
 II, III and IV
 I, II and IV

No, the answer is incorrect.
Score: 0

Accepted Answers:
I, II, III and IV