

Unit 7 - Week 6

Course outline

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 String Diagrams

 Principles of Motion Economy

 Micro-Motion Study

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Assignment 6

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

Due on 2019-09-11, 23:59 IST.

1) The _____ is drawn exactly to scale, whereas the _____ is drawn approximately to scale. **1 point**

- String diagram, flow diagram
- Flow diagram, string diagram
- Outline process chart, string diagram
- String diagram, outline process chart

No, the answer is incorrect.

Score: 0

Accepted Answers:

String diagram, flow diagram

2) The major objective of the principles of motion economy is to maximize efficiency and minimize worker fatigue. **1 point**

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

3) SIMO chart stands for; **1 point**

- Sinusoidal-Motion Operation Chart
- Sinusoidal-Motion Cycle Chart
- Simultaneous-Motion Cycle Chart
- Simple-Harmonic Motion Chart

No, the answer is incorrect.

Score: 0

Accepted Answers:

Simultaneous-Motion Cycle Chart

4) In THERBLIGS, # symbol is used to; **1 point**

- Search
- Assemble
- Position
- Select

No, the answer is incorrect.

Score: 0

Accepted Answers:

Assemble

5) In THERBLIGS, the symbol for PLAN (Pn) is generally shown in _____ colour **1 point**

- Blue
- Yellow
- Brown
- Orange

No, the answer is incorrect.

Score: 0

Accepted Answers:

Brown

6) In THERBLIGS, the symbol for POSITION (P) is generally shown in _____ colour. **1 point**

- Blue
- Yellow
- Brown
- Orange

No, the answer is incorrect.

Score: 0

Accepted Answers:

Blue

7) In context of Micro-Motion Study, the advantage (s) of Film Observation over Direct Observation is (are); **1 point**

- (I) Permit greater detailing than eye observation.
- (II) Provide greater accuracy than pencil, paper and watch techniques.

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

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both I and II

8) Choose the correct statements about SIMO chart. **1 point**

- (I) SIMO chart is used for micro motion analysis
- (II) It is a special form of chart, in which a string or thread is used to measure the distances
- (III) It is a two-hand process chart drawn in terms of therbligs and with a time scale

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

No, the answer is incorrect.

Score: 0

Accepted Answers:

I and III

9) Select the correct stages involved in micro motion study. **1 point**

- 1 Analysis of the data from the film
- 2 Recording of the data using SIMO chart
- 3 Filming the operation to be studied

- 1-2-3
- 3-2-1
- 3-1-2
- 2-3-1

No, the answer is incorrect.

Score: 0

Accepted Answers:

3-1-2

10) Pick the correct statements about principles of motion economy. **1 point**

- (I) It helps to achieve productivity and reduce cumulative trauma at the workstation.
- (II) These are the guidelines to be used when examining and designing workstation and workplace layouts.
- (III) It is based on a combination of simple ergonomic principles and common sense.

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

No, the answer is incorrect.

Score: 0

Accepted Answers:

I, II and III