

Unit 12 - Week 11

Course outline

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Week 11

 Ergonomics: Basic Concept

 Industrial Ergonomics

 Ergonomics: Anthropometry

 Man-Machine System-I

 Man-Machine System-II

 Quiz : Assignment 11
 Solution for 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 2019-10-16, 23:59 IST.

1) The objective (s) of ergonomics is (are) to improve the efficiency of operation by considering the person's; **1 point**

- Strength
- Visual capability
- Physiological stress levels
- All of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of these

2) Ergonomics is a body of knowledge concerned with: **1 point**

- (I) Human abilities
(II) Fitting the job or task to the person

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

No, the answer is incorrect.

Score: 0

Accepted Answers:

Both I and II

3) Physical Ergonomics is the human body's responses to physical and physiological workloads. **1 point**

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

4) Which of the following deals with the shift work, scheduling, telecommuting and ethics. **1 point**

- Physical ergonomics
- Organizational ergonomics
- Cognitive ergonomics
- All of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

Organizational ergonomics

5) In context of ergonomics, the correct body posture in front of the computer system is (are); **1 point**

- The shoulder should be relaxed
- The back should not be erect
- The hands should be inclined with forearms
- All of the above

No, the answer is incorrect.

Score: 0

Accepted Answers:

The shoulder should be relaxed

6) The discipline (s) that has direct influence on human factor in ergonomics is (are); **1 point**

- (I) Engineering
(II) Industrial hygiene
(III) Psychology

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

No, the answer is incorrect.

Score: 0

Accepted Answers:

I, II and III

7) Industrial ergonomics, is the study of adapting job tasks to human abilities and natural body movements. **1 point**

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

True

8) _____specifically deals with the study of body dimensions and their applications in context of design of work system. **1 point**

- Industrial hygiene
- Psychology
- Engineering
- Anatomy

No, the answer is incorrect.

Score: 0

Accepted Answers:

Anatomy

9) Dynamic dimensions are measurements taken when the body is in a fixed position. **1 point**

- True
- False

No, the answer is incorrect.

Score: 0

Accepted Answers:

False

10)In context of man-machine system, the type (s) of visual display is (are); **1 point**

- Check display
- Qualitative display
- Quantitative display
- All of these

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of these