

# Unit 12 - Week 10- Industrial Accidents and Injuries

## Course outline

How does an NPTEL online course work?

Week 0

Week 01 - Introduction and Overview of Ergonomics

Week 02- Work Physiology

Week 03 - Physical ergonomics and introduction to Cognitive ergonomics

Week 04- Cognitive Ergonomics

Week 05 - Cognitive Ergonomics (Continued)

Week 06 - Physical Work Environment

Week 07 - Tools, Techniques & Research Methodology

Week 08- Work Study

Week 09- Manual Work System

**Week 10- Industrial Accidents and Injuries**

Lecture 40- Industrial accidents

Lecture 41- Human Errors

Lecture 42- Workers compensation laws

Lecture 43-Organisation Ergonomics

Lecture 44- Organisation Ergonomics part-2

Quiz : Assignment\_10

Assignment\_10 Solution

Feedback For Week 10

Week 11- Job evaluation in organizational ergonomics

Week 12- BioMechanics

Text Transcripts

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## Assignment\_10

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

**Due on 2020-04-08, 23:59 IST.**

1) Which of the following is not a statement of Theory Y?

1 point

- Humans accept responsibility.
- Workers need to be always directed.
- Physical energy is natural in work.
- Creativity is widely spread across humans

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Workers need to be always directed.*

2) The responsibility of Occupational Safety and Health Act is:

1 point

- Work with states on related programs.
- Establish health standards.
- Enforce industry standards.
- All of these

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*All of these*

3) Which of the following is not an organizational structure?

1 point

- Line and staff organization.
- Virtual organization.
- Pattern organization.
- Matrix organization.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Pattern organization.*

4) A worker will not receive benefit if:

1 point

- Injury has occurred during course of any employment.
- Injury has been caused due to industrial accident.
- Injury has arisen from workers employment.
- Injury has occurred during course of that employment.

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Injury has occurred during course of any employment.*

5) Steps of a safety program are:

1 point

- Identify safety program – Implement safety program
- Implement safety program – Measure effectiveness – Do pilot run
- Identify risks – Implement safety program – Do pilot run
- Identify risks – Implement safety program – Measure effectiveness

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Identify risks – Implement safety program – Measure effectiveness*

6) Which of the following category of hazards is not caused by an equipment?

1 point

- Mechanical hazard
- Chemical hazard
- Electrical hazard
- Temperature hazard

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*Chemical hazard*

7) Full form of NIOSH is:

1 point

- National Institute for Occupational Safety and Hazard
- National Institute for Occupational Security and Health
- National Institute for Occupational Safety and Health
- National Institution for Occupational Safety and Health

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*National Institute for Occupational Safety and Health*

8) According to Maslow's Needs Gratification Theory, hierarchical order for the following needs is:

1 point

- i. Self-esteem,
- ii. Safety and security
- iii. Physiological needs
- iv. Self-actualization
- v. Love and esteem by others.

- i – ii – iii – iv - v
- ii – iv – iii – i - v
- iii – ii – v – i - iv
- iii – v – i – ii - iv

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*iii – ii – v – i - iv*

9) The major cause of injury at workplace is:

1 point

- Motor vehicle accidents.
- Falls, abrasion and rubbing
- extreme temperature exposure
- all of these

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*all of these*

10) The Occupational Safety and Health Act created three federal agencies for administration and enforcement. Which of the following is not one of them?

1 point

- State Employee Health Commission (SEHC)
- The Occupational Safety and Health Administration (OSHA)
- The National Institute of Occupational Safety and Health (NIOSH)
- The Occupational Safety and Health Review Commission (OSHRC)

No, the answer is incorrect.  
Score: 0

Accepted Answers:  
*State Employee Health Commission (SEHC)*