

## 13 INDUSTRIAL HYGIENE PROGRAM

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### QUIZ 1 (11 POINTS TOTAL)

#### *True/False (2 points)*

1. Personal hearing protection is generally the best control technique for excessive noise exposure.
  - a. true
  - b. false
2. Thermal comfort limits are used to ensure productivity and quality of work for office workers.
  - a. true
  - b. false

#### *Multiple Choice (3 points)*

3. What are two of the most important departments for the industrial hygienist?
  - a. purchasing
  - b. medical
  - c. safety
  - d. human resources
4. An evaluation of temperature extremes would include an examination of \_\_\_\_\_.
  - a. ergonomic conditions
  - b. amplitude levels
  - c. environmental conditions
  - d. none of the above
5. What is the leading cause of death due to an infectious agent in the world?
  - a. hepatitis
  - b. tuberculosis
  - c. influenza
  - d. HIV

#### *Short Answer (5 points)*

6. What are the four classifications of environmental factors or stresses that can cause sickness in workers?
  
  
  
  
  
  
  
  
  
  
7. List three examples of physical hazards that might concern an industrial hygienist.

8. What terms will typically be used in an evaluation of vibration exposure?
  
  
  
  
  
  
  
  
  
  
9. What are the two types of exposure limits that are often used as guidelines for temperature-stress evaluations?
  
  
  
  
  
  
  
  
  
  
10. What are four risk factors frequently identified during ergonomic evaluations?

***Short Essay (1 point)***

11. How does the American Industrial Hygiene Association define industrial hygiene?

**QUIZ 2 (11 POINTS TOTAL)**

***True/False (3 points)***

1. Many industrial hygienists have responsibility for the control of biological agents.
  - a. true
  - b. false
  
2. Entry and absorption of a toxic substance occur by only one route.
  - a. true
  - b. false
  
3. The problem of ingesting chemicals is not widespread in industry.
  - a. true
  - b. false

**Multiple Choice (2 points)**

4. Which of the following is not an issue impacting a chemical hazard evaluation?
  - a. airborne concentration
  - b. type and length of exposure
  - c. regulatory and consensus exposure limits
  - d. self-contained breathing apparatus
  
5. Which of the following is not a class of industrial hygiene certification?
  - a. certified safety specialist
  - b. industrial hygienist in training
  - c. occupational health and safety technologist
  - d. diplomat

**Short Answer (5 points)**

6. What is toxicity?
  
  
  
  
  
  
  
  
  
  
7. What are three corrective measures used by industrial hygienists to control health hazards?
  
  
  
  
  
  
  
  
  
  
8. What are common routes of entry into the body for toxic substances?
  
  
  
  
  
  
  
  
  
  
9. What four possible actions can result from a substance contacting skin?
  
  
  
  
  
  
  
  
  
  
10. What are some sources of biological hazards?

***Short Essay (1 point)***

11. What is required to earn the Certified Industrial Hygienist designation?