**PRE-TRAINING QUIZ**

**FIRST NAME: LAST NAME:**

**Please place the letter of the correct answer in the space provided.**

1) Regarding workers, what is the primary goal of OSHA’s Hazard Communication standard?

 A) To ensure employers provide training regarding all workplace hazards to workers

 B) To ensure employers provide training to their employees regarding exposure to hazardous substances associated with the worker’s job

 C) To protect workers from all occupational hazards

 D) To train workers to do their jobs properly

2) What is the primary purpose of a Safety Data Sheet?

 A) To provide information regarding the safety, health, and environmental hazards of a product or substance

 B) Provide information necessary to purchase the material

 C) To discuss the uses of a material in various workplaces

 D) To explain how to do your job safely while using a specific chemical

3) What is a “Target Organ System”?

 A) The part of the body where a toxic chemical enters the body

 B) The site where a toxic substance leaves the body

 C) The part of the body negatively affected by a specific toxic substance

 D) The site where biotransformation takes place

4) When discussing chemical exposure, the term “Route of Exposure” is commonly used, what does this term mean?

 A) The path by which exposure to a substance occurs

 B) The place where a toxic substance under goes biotransformation

 C) The method by which a toxic substance is eliminated

 D) The job or task that results in the exposure to a hazardous substance

5) What term applies to the legal limits for allowable exposure to air contaminants?

 A) Permissible Exposure Limits

 B) Threshold Limit Values

 C) Routes of exposure

 D) Target organ systems

6) What is the purpose of an “Action Level”?

 A) It is the maximum allowable exposure to air contaminants

 B) The amount of a substance necessary to cause illness

 C) An exposure level lower than the PEL, which requires the employer to take certain measures to protect the workers

 D) The amount of a substance that must be reported on a Safety Data Sheet

7) How rapid is the onset of adverse health effects from an occupational exposure?

 A) Hazardous substances always cause illness very rapidly

 B) It is dependent on several factors, including: the nature of the substance, significance of the exposure, and exposure time.

 C) Generally, industrial chemicals do not cause illnesses to workers

 D) Hazardous chemicals react very slowly with the human body

8) What does the term “Immediately Dangerous to Life and Health” mean?

 A) Chemicals with this designation are not permitted to be used by a business

 B) Only substances with this designation can cause illness in humans

 C) It is a concentration of a substance that will cause significant adverse effects with a minimal exposure time

 D) The maximum allowable exposure concentration for a specific chemical

9) What term applies to the degree of illness associated with a specific amount of a given substance?

 A) The dose-response relationship

 B) The action level

 C) The permissible exposure limit

 D) The route of exposure

10) What is “Toxicokenetics”?

 A) Potential illnesses caused be hazardous substances

 B) The study of what happens to substances once they enter the body

 C) A name for hazardous chemicals used in manufacturing

 D) The way chemicals enter the body

11) Regarding routes of exposure, what term is used when a substance is “breathed in”?

 A) Absorbed

 B) Contact

 C) Inhalation

 D) Ingestion

12) When a hazardous substance gets on the skin, it can only cause damage to the skin.

 A) True – the skin is an impervious barrier that prevents foreign substances from entering the body.

 B) False – some substances can pass through the skin and cause damage to other organ systems

13) In what types of workplaces would “injection” be a significant potential route of exposure?

 A) Medical and healthcare-related workplaces

 B) Petro-chemical industry

 C) Injection is not a concern in any workplace

 D) Pulp and paper industry

14) What is a term used to describe the process of a substance, that has entered the body, being changed from one chemical to another?

 A) Digestion

 B) Elimination

 C) Transduction

 D) Biotransformation

15) What is the term used to describe the process of a substance’s toxic properties being activated by the body?

 A) Transduction

 B) Bioactivation

 C) Elimination

 D) Absorption