Chapter 9: Hazardous materials

Learning objectives:

1) To identify the hazardous materials used in agriculture

Evaluation questions:

1. Which one is correct for dermal rates of absorption of chemicals;
   A. Shows the speed of absorption
   B. Rates are different from different parts of the body
   C. Forehead has faster rate of absorption than forearm
   D. All of the above
   E. Both A and B

2. List some precautions to avoid chemical exposure.
   A. .......................................................... ..........................................................
   B. .......................................................... ..........................................................
   C. .......................................................... ..........................................................

3. Which one cannot be true for health problems associated with chemicals used in agriculture?
   A. They can have delayed effects
   B. They can have acute effects
   C. Cancer is an acute effect of chemicals
   D. They can cause chronic effects such as changes in chromosomes
   E. Even single exposure can cause health problems

4. Which one contains regulations to protect agricultural workers from pesticide exposure
   A. Worker Protection Standard
   B. Hazardous Materials Standard
   C. Environmental Protection Agency
   D. OSHA
   E. All of the above

5. Which one is the best correction strategy for hazardous chemicals used in agriculture?
   A. Dilute the hazard
   B. Isolate the hazard
   C. Remove person from the hazard
   D. Substitute a lea hazardous equivalent
   E. Eliminate the source

Answers:

1. D
2. (safety systems, PPE, washing hands frequently, discarding contaminated clothes, etc.)
3. C
4. A
5. E