Chapter 1: Process of Hazard Identification and Correction

Learning objectives:

1) To define hazard and understand how to identify a hazard
2) To explain an effective safety checklist and the safety hierarchy
3) To develop a Job Safety Analysis (JSA)

Evaluation questions:

1. A hazard can be defined as?
   A. Any potential condition that can result in injury and illness
   B. Any existing condition that can result in injury and illness
   C. Any existing and potential condition that can result in property damage
   D. Any existing and potential condition that can result in injury, illness, and/or property damage
   E. None of the above

2. Which one is not the essential items for a safety checklist?
   A. Hazard identification
   B. Past hazards
   C. Corrective measures
   D. Responsible person
   E. Target date

3. What are the basic steps for Job Safety Analysis
   1. ..............................................................................................................
   2. ..............................................................................................................
   3. ..............................................................................................................
   4. ..............................................................................................................

4. A manager tries to do a Job Safety Analysis (JSA) for ‘farming’. Is this the proper way to do a JSA?
   A. Yes, it is a selected job
   B. Yes, farming includes every job steps
   C. No, it is not a proper job
   D. No, farming is too broadly defined
   E. No, we cannot identify the potential hazards in farming

5. Farmers tip their tractors over backward because they may have improperly hitched the tractors to something and pulled. Which one is a correct strategy for preventing injuries?
   A. Installing roll bar on a tractor
   B. Properly hitch the tractor
   C. Buckling a seatbelt
   D. Installing ROPS and buckling a seatbelt
   E. All of the above
6. Rank the hierarchy of control steps from most effective to least effective (Start with a number 1 being the most effective, 5 being least effective)

- PPE
- Apply safeguarding technology
- Eliminate the hazard
- Use warning signs
- Training

**Answers:**

1. D
2. B
3. open ended (1-select a job, 2-job steps, 3-potential hazards, 4- solutions and recommended actions)
4. D
5. E
6. (5-2-1-3-4)