

## **EK670 Occupational Health and Safety**

### Quiz 5

Distributed 10 April 2008

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### **Haddon's paper "Energy Damage and the Ten Countermeasure Strategies"**

**Circle the correct answers**

1. We've talked about control at "source". What is the hazard source according to Haddon's approach?
  1. Energy
  2. Unsafe acts
  3. Hazardous substances
  4. All of the above
  5. None of the above
  
2. Haddon's paper was written in:
  1. 1970's
  2. 1980's
  3. 1990's
  4. 2000's
  
3. The order of these three of Haddon's countermeasures are:
  1. modify rate of release of energy – prevent energy marshalling – strengthen the structure that may be damaged
  2. prevent energy marshalling – modify rate of release of energy – strengthen the structure that may be damaged
  3. strengthen the structure that may be damaged - prevent energy marshalling – modify rate of release of energy
  
4. "Railroad underpasses" is what kind of countermeasure according to Haddon?
  1. Separate in space or time the energy and susceptible structure
  2. Reduce the amount of energy being marshaled
  3. To move rapidly in detection and evaluation of damage
  4. None of the above
  
5. "Padding" in a car is what kind of countermeasure according to Haddon?
  1. Prevent energy being marshaled
  2. Separate in space or time the energy and susceptible structure
  3. To move rapidly in detection and evaluation of damage
  4. None of the above
  
6. "Chaining a tiger" is what kind of countermeasure according to Haddon?
  1. Prevent release of energy
  2. Separate in space or time the energy and susceptible structure
  3. Strengthen the susceptible structure
  4. None of the above