# Lesson 6 – Physical Security

1. Which of these infrastructure features would most likely present a physical vulnerability for an information system?
   1. Fire escapes, including external and internal stairways
   2. The information security architecture
   3. The corporate compliance policy
   4. The internal telephone network
2. Sprinkler systems to defeat a fire outbreak may include either a dry pipe or wet pipe mechanism. Which of these statements is not true of a dry pipe mechanism?
   1. It delays briefly before providing water to the fire.
   2. It uses gas or powder, rather than a fluid, to choke the fire.
   3. It offers a brief opportunity for emergency shutdown procedures.
   4. It offers a brief opportunity to evacuate staff from the affected rooms.
3. Which of these statements best describes the concept of defence in-depth or the layered defence model?
   1. A combination of complementary countermeasures
   2. Replicated defensive techniques, such as double firewalling
   3. Perimeter fencing and guarding
   4. Contingency measures for recovery after, e.g., system failure
4. Which one of these would be the principal practical benefit of utilizing existing physical or procedural measures in an information system’s security strategy?
   1. They offer duplication of, e.g., access controls.
   2. They are already tried, tested, and accepted by staff.
   3. They are managed by facilities staff.
   4. They are written into corporate procedures.
5. The geographical location of the site may affect the security requirement if it
   1. May be vulnerable to natural disaster (e.g., a floodplain)
   2. Lacks adequate access for, or the logistical support of, emergency services
   3. Experiences crime, including burglarly, vandalism, street crime and arson
   4. All of the above
6. Which choice below is NOT a type of motion-detection system?
   * + 1. Ultrasonic-detection system
       2. Microwave-detection system
       3. Host-based intrusion-detection system
   1. Sonic-detection system
7. Which type of personnel control below helps prevent piggybacking?
   * + 1. Mantraps
   1. Back doors
   2. Brute force
   3. Maintenance hooks
8. Which choice below most accurately describes the prime benefit of using guards?
   * + 1. Human guards are less expensive than guard dogs.
       2. Guards can exercise discretionary judgment in a way that automated systems can’t.
       3. Automated systems have a greater reliability rate than guards.
   1. Guard dogs cannot discern an intruder’s intent.
9. The recommended optimal relative humidity range for computer operations is:
   * + 1. 10%–30%
       2. 30%–40%
       3. 40%–60%
       4. 60%–80%
10. Which of the following is NOT the proper suppression medium for a Class B fire?
    1. CO2
    2. Soda Acid
    3. Halon
    4. Water