

Chapter 9 Study Guide

Indicate whether the statement is true or false.

1. When the lock of a door fails and causes the the door become unlocked, it is classified as a fail-secure lock.
 - a. True
 - b. False

2. Water-based systems are inexpensive, nontoxic, and can often be created by using an existing sprinkler system that may have been present in earlier construction.
 - a. True
 - b. False

3. In general, ESD damage to chips produces two types of failures: immediate and latent.
 - a. True
 - b. False

4. For laptops, there are theft alarms made up of a PC card or other device that contains a motion detector.
 - a. True
 - b. False

5. There are three methods of data interception: direct observation, interception of data transmission, and mechanical interception.
 - a. True
 - b. False

6. Water damage is considered less dangerous to computer systems than hazardous chemicals like Halon.
 - a. True
 - b. False

7. Telecommuters should use a securable operating system that requires password authentication.
 - a. True
 - b. False

8. Fire suppression systems typically work by denying an environment one of the three requirements for a fire to burn: a spark, fuel, and oxygen.
 - a. True
 - b. False

9. Carbon dioxide systems remove a fire's supply of oxygen.
 - a. True
 - b. False

10. Fire detection systems fall into two general categories: manual and electrical.
 - a. True
 - b. False

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11. The capacity of UPS devices is measured using the voltage output rating.
 - a. True
 - b. False

12. Vibration sensors fall into the motion sensor category.
 - a. True
 - b. False

13. A name badge is an identification card that is typically carried concealed.
 - a. True
 - b. False

14. Locks can be divided into categories based on the triggering process, including: manual, programmable, electronic, and biometric.
 - a. True
 - b. False

15. The online UPS can deliver a constant, smooth, conditioned power stream to computing systems.
 - a. True
 - b. False

16. Static electricity is not noticeable to humans until levels approach 150 volts.
 - a. True
 - b. False

17. A wet-pipe system is usually considered appropriate in computer rooms.
 - a. True
 - b. False

18. Keycard readers based on smart cards are often used to secure computer rooms, communications closets, and other restricted areas.
 - a. True
 - b. False

19. There are very few qualified and professional agencies that provide physical security consulting and services.
 - a. True
 - b. False

20. Standby power supply (SPS) UPSs provide power conditioning.
 - a. True
 - b. False

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Indicate the answer choice that best completes the statement or answers the question.

21. In the _____ UPS, the internal components of the standby models are replaced with a pair of inverters and converters.
- a. line-interactive b. ferroresonant
 - c. true online d. offline
22. UPS devices typically have capacities that may run up to _____ VA.
- a. 100 b. 250
 - c. 500 d. 1,000
23. Computing and other electrical equipment used in areas where water can accumulate must be uniquely grounded, using _____ equipment.
- a. UPS b. HVAC
 - c. GFCI d. ESD
24. _____ sprinklers are the newest form of sprinkler systems and rely on ultra-fine mists instead of traditional shower-type systems.
- a. Pre-action b. Water mist
 - c. Water-free d. Air-dry
25. Class _____ fires are safely extinguished with non-conducting agents only.
- a. A b. B
 - c. C d. D
26. _____ occurs when an authorized person opens a door, and other people, who may or may not be authorized, also enter.
- a. Crowdsurfing b. Tailgating
 - c. Freeloading d. Hitchhiking
27. The most sophisticated locks are _____ locks.
- a. manual b. programmable
 - c. electronic d. biometric
28. Fire _____ systems are devices installed and maintained to detect and respond to a fire, potential fire, or combustion danger situation.
- a. detection b. suppression
 - c. protection d. prevention
29. _____ locks can be changed after they are put in service, allowing for combination or key changes without a locksmith and even allowing the owner to change to another access method (key or combination) to upgrade security.
- a. Programmable b. Manual
 - c. Biometric d. Electronic

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30. _____ sensors for example, work when a foot steps on a pressure-sensitive pad under a rug, or a window is opened.
- a. Pressure b. Contact and weight
 - c. Motion d. Movement
31. Class _____ fires are extinguished by agents that remove oxygen from the fire.
- a. A b. B
 - c. C d. D
32. A device that assures the delivery of electric power without interruption is a(n) _____.
- a. GFCI b. HVAC
 - c. GPS d. UPS
33. _____ sensors project and detect an infrared beam across an area.
- a. Photoelectric b. Smoke
 - c. Air-aspirating d. Thermal
34. Interior walls only partially reach to the next floor, which leaves a space above the ceiling. This space is called a(n) _____.
- a. kneespace b. attic
 - c. plenum d. padding
35. A _____ system is designed to work in areas where electrical equipment is used. Instead of containing water, the system contains pressurized air.
- a. wet-pipe b. dry-pipe
 - c. deluge d. sprinkler
36. In the _____ approach, the sensor detects an unusually rapid increase in the area temperature within a relatively short period of time.
- a. fixed temperature b. permanent temperature
 - c. fixed rate d. rate-of-rise
37. One of the leading causes of damage to sensitive circuitry is _____.
- a. CPU b. EPA
 - c. ESD d. HVAC
38. Electronic monitoring includes _____ systems.
- a. blocked video b. local video
 - c. open-circuit television d. closed-circuit television
39. Most guards have clear _____ that help them to act decisively in unfamiliar situations.
- a. MACs b. SOPs
 - c. POSs d. OPSs

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40. _____ involves a wide variety of computing sites outside the organization's primary facility and includes all forms of telecommuting.

- a. Remote site computing
- b. Telecommuting
- c. Remote working
- d. Hot site computing