Unit 6 Electrical Wiring Commercial

1. What is the term used to describe a device that is part of another system but is activated by the fire alarm system?
2. What is the term used to describe the ability to detect a fault condition that would interfere with the normal operation of the circuit?
3. What is the difference between a single-stage fire alarm system and a two-stage?
4. What happens in the incipient stage of a fire?
5. What is the maximum level of smoke in the air where life can be sustained?
6. What is being burned in each class of fire?
7. What are the three components of a fire triangle?
8. What happens when one component of a fire chain reaction is removed?
9. What are the primary and secondary purposes of a fire alarm?
10. What is the best way to fight fires?
11. What is the maximum number of occupants in the basement of a building before a fire alarm system is required?
12. How many storeys in a building (including the basement) would require a fire alarm system?
13. What is the maximum number of occupants in a college before a fire alarm system is required?
14. What is the maximum number of sleeping accommodations in a residential occupancy before a fire alarm system is required?
15. Which category of occupancy includes “Homes”?
16. Are fire detectors required in storage rooms inside dwelling units?
17. Are heat detectors required in a hotel lobby area?
18. If a smoke detector is installed in each jail cell are they required in the hallway as well?
19. What things are included in a Passive Fire Protection System?
20. What are the three main components of a local fire alarm system?

21. What are the two main types of smoke detectors?

22. What is the most common extinguishing agent?

23. What are some other extinguishing agents?

24. How does a photoelectric smoke detector work?

25. How does an Ionization smoke detector work?

26. Which smoke detector is capable of sensing products of combustion at the insipient stage of a fire?

27. Does a test button on a smoke detector test the smoke-detecting ability?

28. What is a combination heat detector?

29. Which fire alarm system circuit is most common?

30. Where is the end-of-line resistor mounted in a Class A fire alarm system?

31. What is the maximum floor area in a building before a fire alarm would require Zones?

32. What organization provides standards for fire alarms?

33. What is the function of a fire alarm panel?

34. What is the main objective of the Canadian Fire Alarm Association?

35. What does Rule 32-108 state?

36. Is a separate service permitted for a fire pump in a separate location from the main service?

37. What is the advantage of running feeds to fire alarms underground?

38. Are Aluminum conductors permitted for fire pump feeds?

39. What is the basis for calculating overcurrent protection for a fire pump motor?

40. Why is overload protection not required on fire pumps?

41. Locked rotor current is how many times the motor FLA?