FSD Course - Homework Questions for Lesson 3

1. Of the following, which one will indicate that the main water control valve on a standpipe system is open?
   A. The wheel on the check valve has been turned clockwise.
   B. The stem of the OS&Y valve is all the way out and exposed.
   C. The wheel on the check valve has been turned counterclockwise.
   D. The stem of the OS&Y valve is all the way in and unexposed.

2. Of the following items, which one is REQUIRED to be kept in the fire command station?
   A. The sprinkler system maintenance record card.
   B. The smoke detector maintenance logbook.
   C. The alarm logbook.
   D. The post fire smoke purge system key

3. The Siamese caps of an automatic dry sprinkler system are color coded ______.
   A- Red
   B- Silver
   C- Green
   D- Yellow

4. Supervisory devices provide signals which indicate that a system or device being monitored is in an abnormal state. Which of the following will not send a supervisory signal to the FC?
   A. Failure of electric power to fire pumps
   B. High water pressure in gravity tanks
   C. Low water pressure in pressure tanks
   D. Low water level in gravity tanks

5. The FSD, DFSD, or BES, while on duty will be considered the impairment coordinator. Duties of the impairment coordinator include all of the following except?
   A. Immediately notifying the FD when a fire protection system is OOS.
   B. Placing of tags at the required locations when there are impairments or deficiencies
   C. Placing of a red tag for a critical deficiency
   D. Placing of a yellow tag for a non-critical deficiency

6. Which of the following is incorrect regarding spare sprinkler heads?
   A. Spare sprinkler heads should be spread out at section valves throughout the building.
   B. For buildings with less than 300 sprinklers, 6 spare heads are stocked.
   C. For buildings with less than 301-1000 sprinklers, 12 spare heads are stocked.
   D. For buildings with over 1000 sprinklers, 24 spare heads are stocked.
7. Which of the following is a component of the standpipe system?
   A. Brach lines
   B. Frangible bulbs
   C. The roof manifold
   D. Pressure increasing valves.

8. When an out of service fire protection system is restored to normal working order, the impairment coordinator shall do all of the following except?
   A. Conduct necessary inspections
   B. Notify the owner, central station, insurance carrier, and affected occupants
   C. Ensure central station notifies the fire department that system is in service
   D. Remove the out of service tags.

9. Regarding the exposed piping and control valve handles of the fire protection systems which statement is incorrect?
   A. All handles serving a dedicated sprinkler system shall be painted green.
   B. All exposed piping on a dedicated sprinkler system shall be painted green.
   C. The exposed piping on a standpipe system shall be painted red.
   D. All handles serving a standpipe system shall be painted red.

10. Sometimes conditions exist which cause a build-up of foreign material on sprinkler heads. Regarding this build-up on a sprinkler head it is commonly referred to as __.
    A. a loaded sprinkler head and must be cleaned with detergent
    B. a loaded sprinkler head and must be replaced
    C. a charged sprinkler head and must be cleaned with detergent
    D. a charged sprinkler head and must be replaced

11. Which of the following statements regarding red manual fire alarm pull stations in existing buildings is most correct?
    A. They are located near all elevators.
    B. Manual alarms using glass rods are always considered double action devices.
    C. The FCS must be reset prior to resetting the manual alarm box.
    D. All pull stations installed or relocated after 4/1/84 should be installed so the handle is approximately 4 feet from the floor.

12. Which one of the following is a characteristic of a fixed-temperature heat detector?
    A. They activate the alarm when the room temperature increases at a rapid rate.
    B. They are more sensitive than a rate of rise heat detector
    C. They normally automatically reset themselves when the temperature returns to normal after they activate an alarm.
    D. They consist of two electrical contacts housed in a protective unit.