1. All elevators equipped with firefighter service shall be subject to a test of phase I and phase II ________.
   A. at least monthly and records kept for 1 year.
   B. at least quarterly and records kept for 1 year.
   C. at least monthly and records kept for 3 years.
   D. at least quarterly and records kept for 3 years.

2. An emergency power system must supply the alarm system within ____ of power failure?
   A. 10 seconds
   B. 30 seconds
   C. 60 seconds
   D. 2 minutes

3. An engineered system that uses mechanical fans to produce pressure differences across smoke barriers or that establishes airflow to limit smoke movement is best described as a ____________.
   A. Pressurized system
   B. Post-fire smoke purge system
   C. Automatic smoke purge system
   D. Mechanical smoke control system

4. The FSD’s knowledge of the HVAC system should include all of the following except__________.
   A. knowing where the mechanical equipment rooms are located
   B. know what air supply zones the building has
   C. that during a fire, duct detectors should shut down the HVAC system automatically.
   D. that if the HVAC does not shut down automatically, the FSD should wait until the FD commander orders the system shut down as this could make the fire situation worse.

5. During emergency power systems testing, generators should be run ________.
   A. monthly for at least 30 minutes
   B. quarterly for at least 30 minutes
   C. monthly for at least 10 minutes
   D. quarterly for at least 10 minutes
6. Refrigerating systems having more than a minimum of 200 pounds of Group A1 refrigerant or _____ pounds of any other refrigerant must be tested monthly by a person who has a Certificate of Qualification for Refrigerating Systems Operating Engineer.
   A. 20  
   B. 30  
   C. 200  
   D. 300

7. A written record of the inspection, testing and maintenance of refrigeration systems must be maintained on the premises for a minimum of how many years?
   A. 2  
   B. 3  
   C. 5  
   D. 1

8. According to the 1968 Building code regarding locks on stairway doors in office buildings, all of the following are true except?
   A. Doors may be locked to prevent access to the stairs at street level  
   B. Doors may be locked on the stair side above the street level, if the building is less than 100 ft. in height.  
   C. Doors may be locked on the stair side above the street level, if the building is more than 100 ft. in height if the building is equipped with a fail safe system for doors on every forth floor.  
   D. All statements are true.

9. For elevators in phase I operation (Fireman's Service), if the "Emergency Stop" button is pressed during recall:
   A. the elevator will stop at the next available floor and doors will remain closed.  
   B. the elevator will immediately stop.  
   C. the elevator will stop at the next available floor and doors will open.  
   D. elevator will continue to the lobby as the emergency stop button is rendered inoperative during phase I.

10. The FSD should know the following regarding emergency power systems.
    A. emergency power should supply the alarm and communication systems.  
    B. the capacity to power at least 6 elevators at one time, with transfer to other elevators  
    C. the fuel supply shall be sufficient to supply power for 3 hours.  
    D. All statements are true.