

Name: _____ Date: _____ Score: _____ %

Dept.: _____

ROOM #: _____

- 1) According to CH 10, RCNY, which of the following IS NOT considered a flammable gas for classification purposes.
 - a. Hydrogen
 - b. Carbon Monoxide
 - c. Utility Gas
 - d. Acetylene

- 2) Compressed gas cylinders (whether full or empty) are required to be secured in a safe position by ALL BUT ONE of the following means.
 - a. Cylinder Base
 - b. Cylinder Clamp
 - c. Chain
 - d. Strapped to plumbing or electrical conduit

- 3) An overhead or flexible hand held safety shower is required in a laboratory or within 25 feet of the door if:
 - a. Flammable Gas is used
 - b. More than 5 gallons of acids or flammable liquids are used or stored
 - c. The lab is below grade
 - d. More than 1 gallon of alcohol is stored

- 4) Which of the following IS MOST CORRECT? – A Certificate of Fitness holder as Laboratory Supervisor is required by the Fire Department:
 - a. During regular business hours
 - b. Anytime a lab is in operation
 - c. Weekends and holidays
 - d. Evening and late night.

- 5) Unless warranted by the hazard involved, laboratories usually are equipped with
 - a. Pressurized water extinguishers.
 - b. Foam type extinguishers
 - c. Dry chemical ABC extinguishers
 - d. Halon extinguishers

- 6) At least one approved fire extinguisher is required for each _____ -Sq. Ft. of floor area and located such that no point in the lab is further than _____ Ft. distant from an extinguisher
- 2500/50
 - 1000/75
 - 1500/100
 - 500/25
- 7) Most chemical laboratories are Type IV (1 hour fire rating, unsprinklered).
Regarding flammable liquid storage in Type IV labs, the MOST CORRECT answer is:
- 15 gallons plus 10 gallons flammable waste is allowable
 - 15 gallons plus 10 gallons alcohol is allowable
 - 15 gallons maximum, including flammable waste and alcohol.
 - 20 gallons maximum is allowable
- 8) The MOST CORRECT statement regarding use of flammable gas within laboratory units is:
- Not permitted in laboratories located below grade.
 - Use within the laboratory is restricted to one cylinder in operation and one in reserved for operating equipment.
 - Cylinders must be secured in a safe position.
 - All of the above.
- 9) Flammable liquids stored below ambient temperatures may be stored:
- In household type refrigerators
 - In household type refrigerators if less than 500 ml are stored.
 - In cold rooms
 - Only in explosion proof refrigerators and cold rooms conforming to NYC electrical code.
- 10) Flammable liquids and acids may be stored within the same cabinet:
- If separated by distance
 - Under no circumstances.
 - If separated within the cabinet by distance and acid storage area in lined or plastic trays provided.
 - If less than 5 gallons of each is stored.