

- 1.) What does the term compartmentation refer to?

Fire is to be contained within the portion of the building where it started, allowing occupants to escape safely.

- 2.) Which of the following deal(s) with construction materials?

**Building Type** <=  
Building Occupancy  
**Fire Zone** <=  
Halon

Building Setback  
**Fire Rating** <=  
Halogen Number  
High Intensity Discharge

- 2.) What is a standpipe? (You may draw.)

A standpipe is a firefighting water supply line. It may be a dry standpipe (which the fire department connects to a fire plug via a pumper) or a wet standpipe, which already contains water supplied by the building. In either case, it is not to be used for anything else.

- 3.) What is the range of flame spread ratings?

0 -225 (Steiner scale)

- 4.) What is the minimum fire exit width?

44 inches

- 5.) What is the maximum distance to a fire stairs on a given floor?

150 feet if unsprinklered, 200 feet if sprinklered

- 6.) What is "flashover?"

The heat from a small fire has been collecting at the ceiling, raising the temperature of the materials uniformly. At flashover, they all hit ignition temperature simultaneously, allowing the entire room to explode in flame all at once.

- 7.) How many inches of glass is allowed in B rated fire door? What is peculiar about the glass?

100 in. of wire glass. (In some codes, laminated glass is also acceptable.)

- 8.) Which construction type requires all walls to be fire rated, but does not require any special fire fighting station on the premises?

Type II