

## Chapter 5 Quiz

**Name:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Directions:** Write the correct letter on the blank before each question.

- \_\_\_\_\_ 1. Which of the following materials is used in building construction in a nonload-carrying capacity? (153)
- A. Steel
  - B. Wood
  - C. Plastics
  - D. Concrete
- \_\_\_\_\_ 2. Which of the following refers to materials used to decrease the vulnerability of structures to hazards, such as wildland fires? (154)
- A. Layered construction
  - B. Fireproof construction
  - C. Triple A fire construction
  - D. Ignition-resistant construction
- \_\_\_\_\_ 3. Which construction material creates voids in floor, attic, and wall cavities that result in many square feet (square meters) of combustible surface area surrounded by large volumes of air for combustion? (154)
- A. Steel
  - B. Wood
  - C. Plastics
  - D. Concrete
- \_\_\_\_\_ 4. Which of the following are created by joining smaller pieces of wood with glue? (155)
- A. Grade C members
  - B. Composite members
  - C. Laminated members
  - D. Wood panel products

- \_\_\_\_\_ 5. Which of the following treatments can produce wood that is listed as fire-retardant-treated wood? (157)
- A. Flash impregnation and dipping
  - B. Triple brushing and pressure coating
  - C. Porous spraying and wood preservatives
  - D. Pressure impregnation and surface coating
- \_\_\_\_\_ 6. A layer of material installed outside the studs to provide an underlayer for the siding is: (158)
- A. sheathing.
  - B. building wrap.
  - C. foam insulation.
  - D. interior rated siding.
- \_\_\_\_\_ 7. Which of the following is a primary use of stone in construction? (162)
- A. Moldings
  - B. Foundations
  - C. Exterior veneer
  - D. Columns and beams
- \_\_\_\_\_ 8. Which of the building construction materials is resistant to aging, dimensionally stable, flame resistant, and very strong? (164)
- A. Steel
  - B. Masonry
  - C. Concrete
  - D. Composites
- \_\_\_\_\_ 9. Which type of glass consists of two layers of glass with a transparent layer of vinyl bonded into the center? (166)
- A. Laminated
  - B. Fully tempered
  - C. Heat-strengthened
  - D. Single-strength annealed

- \_\_\_\_\_ 10. Fire-rated glass consists of panels made from a combination of glass and: (166)
- A. steel.
  - B. plastic.
  - C. concrete.
  - D. composites.
- \_\_\_\_\_ 11. Which of the following is a mineral-based product from which plaster and wallboards are constructed? (167)
- A. Gypsum board
  - B. Laminated board
  - C. Corrugated board
  - D. Engineered plaster products
- \_\_\_\_\_ 12. Gypsum board that is used in fire-rated assemblies and produced with glass fibers that act as reinforcement is known as: (167)
- A. corrugated board.
  - B. regular gypsum board.
  - C. Type C gypsum board.
  - D. Type X gypsum board.
- \_\_\_\_\_ 13. Which building construction material is used for many applications such as siding, insulation, tub and shower enclosures, pipe and pipe fittings, and lighting fixtures? (168-169)
- A. Metal
  - B. Wood
  - C. Plastics
  - D. Composites
- \_\_\_\_\_ 14. Which of the following statements about the flammability of plastics is MOST accurate? (169)
- A. The flammability of plastics varies widely.
  - B. Plastics have a very low flammability hazard.
  - C. Plastics have a very high flammability hazard.
  - D. It is not possible to add fire retardants to plastics.

- \_\_\_\_\_ 15. Which of the following statements about exterior insulation and finish systems (EIFS) is MOST accurate? (170)
- A. EIFS is nonflammable.
  - B. EIFS is flammable and can be ignited from an exterior source.
  - C. EIFS is used in place of gypsum board and has the same properties.
  - D. EIFS is used in place of wood members and has the same properties.