

1. Which method of wood installation is accomplished with a thin pad?
 - (A) Floating
 - (B) Edging
 - (C) Lining
 - (D) Trimming
2. Describe the difference in securing methods for steel posts when attached to wood girders versus steel girders.
 - (A) Steel posts are secured to wood girders with machine bolts.
 - (B) Steel posts are only secured to wood girders with nails.
 - (C) Steel posts are secured to wood girders using lag screws and to steel girders using machine bolts.
 - (D) Steel posts are secured to both types of girders using the same method.
3. In a scenario where a carpet is heavily soiled and a rotary shampoo machine is used without sufficient agitation, what might be the likely outcome?
 - (A) Ineffective cleaning
 - (B) Quick drying of the carpet
 - (C) Complete stain removal
 - (D) No change in carpet texture
4. What is the primary function of self-leveling screed in floor construction?
 - (A) To provide insulation against moisture
 - (B) To level the surface for a smoother finish
 - (C) To create a load-bearing foundation
 - (D) To act as a vapor barrier
5. Which of the following is NOT a moisture-related problem for the slab on ground?
 - (A) Degradation of adhesive and/or covering materials due to alkaline attacks
 - (B) Failed adhesion between the covering materials and the slab
 - (C) Radiation cracks on the bottom of the slab
 - (D) Promotion of microbial growth

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6. What is the primary purpose of using the sand cushion method in flooring installations?
- (A) To prevent moisture from penetrating the flooring
 - (B) To provide thermal insulation beneath the flooring
 - (C) To minimize the risk of cracking by separating the finished floor from the structural slab
 - (D) To enhance the aesthetic appeal of the flooring
7. What are volatile organic compounds (VOCs) and why are they significant in flooring material selection?
- (A) They are chemicals that can cause health issues, especially for sensitive individuals.
 - (B) They are natural compounds that enhance the aesthetic of flooring.
 - (C) They are materials that improve the durability of flooring.
 - (D) They are additives that increase the cost of flooring.
8. Describe the main characteristics of resilient flooring materials and their benefits in construction.
- (A) Resilient flooring materials are rigid and primarily used for structural support.
 - (B) Resilient flooring materials are expensive and not commonly used in residential construction.
 - (C) Resilient flooring materials are flexible and provide comfort underfoot, making them suitable for various applications.
 - (D) Resilient flooring materials are only suitable for outdoor use.
9. What is the purpose of subflooring?
- (A) It is the nonstructural material that lays under the flooring as a vapor bearer to the outside elements.
 - (B) It is the structural material that spans across floor joists, and a base for finished flooring.
 - (C) It acts as the cushion layer for carpeting when it's laid over concrete.
 - (D) It is the drywall layer underneath vinyl flooring so there is a smooth finish to work with.
10. Which man-made fiber is known for being 0% water absorbent?
- (A) Olefin
 - (B) Polyester
 - (C) Nylon
 - (D) Acrylic

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1002. If a construction project requires a material that offers high strength and stability for long spans, which engineered wood product would be most suitable, and why?
- (A) Wood trusses as they are primarily used for roofing and do not provide structural support.
- (B) Glue-laminated wood (glulam) due to its ability to be manufactured in large sizes and its high strength-to-weight ratio.
- (C) Laminated veneer lumber (LVL) because it is made from multiple layers of veneers, providing uniform strength.
- (D) Wood I-joists because they are lightweight and easy to handle.
1003. Velvet and Wilton construction carpets stretch more in the:
- (A) neither width nor length
- (B) length
- (C) width
- (D) length and width
1004. When installing wood flooring over an unheated area you must:
- (A) apply a moisture barrier.
- (B) use extra nails to ensure it does not squeak.
- (C) leave an air gap on all sides.
- (D) neither
1005. After the installation of sheet vinyl flooring, the flooring should not be washed for ____ days.
- (A) 3
- (B) 4
- (C) 5
- (D) 2
1006. You are to install rows of solid strip and plank flooring. Which of the following statements is not correct?
- (A) face-nail every 8"-10"
- (B) face-nail within 3"-4" of the end of each board
- (C) blind- or tongue-nail at a 45° angle
- (D) face-nail every 8"-12"

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1007. If a carpet is cleaned on a humid day with low air flow, what might be the expected outcome regarding the drying process?
- (A) The carpet will likely take longer to dry. (B) The carpet will dry faster due to increased humidity.
- (C) The carpet will dry quickly and evenly. (D) The carpet will remain damp indefinitely.
1008. What is the formula for determining the distance from an outside corner to an outside corner when notching and bending cap metal for a cove job?
- (A) Total length + 3x the width of top (B) Total length + width of top
- (C) Total length - width of top (D) Total length + 2x the width of top
1009. Different grades of finished and unfinished parquet floor material is graded according to the type and quantity of flaws allowed. Premium-grade unfinished parquet is characterized by:
- (A) face may contain workmanship defects, sander digs, and moderate planer bite and tear (B) face may contain slight splits and checks; closed knots; heavy mineral streaks; worm holes
- (C) clear face; all heartwood (except for maple) (D) face may contain sapwood, slight stains, and discoloration; occasional pinworm holes; burls; tight knots; small minimal streaks
1010. If a carpet shows signs of cellulosic browning after cleaning, which of the following actions should be taken to prevent further damage?
- (A) Increase humidity levels in the room (B) Ensure proper drying and maintain neutral pH during cleaning
- (C) Use harsher chemicals to remove stains (D) Avoid cleaning the carpet for an extended period