

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