

Credential Practice Questions



Sample Questions:

Domain 1 – Architecture and Design

1. Which of the following is a component of a bathroom that incorporates universal design?
 - a. A minimum of 24 inches in front and to one side of the toilet
 - b. A minimum of 48-inch turning diameter in the room
 - c. A curb less shower
 - d. A 30-inch-wide door

2. Which of the following best facilitates transit in hallways?
 - a. Adequate width
 - b. Handrails or wainscot cap molding
 - c. Colors that contrast the floors and walls
 - d. Sufficient lighting

Domain 2: Building Techniques & Strategies

Sample Questions:

3. Which of the following approaches best demonstrates the appropriate application of building science principles, cost-effective methods and industry-recognized practices?
 - a. Specify the highest rated R-value insulation available for all exterior walls and attic spaces, knowing that it will guarantee maximum energy efficiency regardless of other design or climate considerations.
 - b. Focus the majority of the budget on upgrading HVAC and solar systems while leaving the building envelope and ventilation strategy largely unchanged to reduce upfront costs.
 - c. Select materials and systems primarily based on availability and lowest bid from subcontractors; assuming performance can be managed later through homeowner behavior and maintenance.
 - d. Use building science principles to analyze the home's climate zone, orient the design for passive solar gain, implement an air-sealing strategy using a continuous air barrier and specify cost-effective, durable materials that balance thermal performance with budget constraints.

4. Builders have several different insulation products available for use. Which of the following is true regarding the features and benefits of the various insulation products?
 - a. Closed-cell spray foam is the least expensive insulation option.
 - b. Blown-in blanket eliminates the need for air sealing.
 - c. The effectiveness of fiberglass batts is dependent on the installation.
 - d. Blown-in cellulose cannot be used in all climates.

Domain 3: Business Management

Sample Questions:

5. What are three of the most important elements of a business budget?
 - a. Revenue, cost of goods sold, and expenses
 - b. Marketing expenses, production manager salaries, and owner salaries
 - c. Payment on loans, production manager salaries, and owner salaries
 - d. Project materials, trade, and labor expenses
6. Which of the following digital marketing strategies for promoting new home sales is most likely to violate federal fair housing laws and expose a Builder to regulatory or legal action?
 - a. Running social media ads that highlight a "quiet, mature neighborhood ideal for retirees"
 - b. Targeting Facebook ads to show only to married users aged 30–45 using demographic filters
 - c. Using phrases like 'family-friendly homes' and 'perfect for young professionals' in online listings
 - d. Publishing images of previous homebuyers that do not represent racial or cultural diversity

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Domain 4: Land Development & Community Design

Expanded Focus:

Sample Questions:

7. Remodeler only: Which of the following is typically NOT regulated by zoning regulations?
 - a. Lot size
 - b. Front setback
 - c. Permitted usage
 - d. Exterior finishes

8. Builder only: Which of the following regulations can impact the feasibility of a proposed residential project and the likelihood of its approval?
 - a. Local building codes
 - b. Homeowners' association covenants, conditions, and restrictions
 - c. State regulations restricting the approval of affordable housing
 - d. Local zoning ordinances

Domain 5: Project Management

Sample Questions:

9. How far, at a minimum, must a spoil pile be placed from the edge of the excavation?
 - a. No closer than 2 feet
 - b. No closer than 5 feet
 - c. No closer than 10 feet
 - d. No closer than 15 feet

10. Which of the following is required by OSHA for equipment operator training?
 - a. 8 hours of formal training
 - b. An OSHA-approved curriculum
 - c. Liability insurance for operation
 - d. Evaluation of the operator's performance

11. When mixing concrete on a job site, what document should be available for reference?

- a. OSHA regulations
- b. A certificate of insurance
- c. A written safety plan
- d. Safety Data Sheet

12. Where are mudsills required?

- a. On all scaffolds
- b. When the ground surface is unstable
- c. When base plates are not available
- d. On plywood or concrete blocks

13. What is the first step in creating a safety and health program?

- a. Identifying job site hazards
- b. Designating a safety coordinator
- c. Establishing a clearly written safety policy
- d. Outlining what is expected of employees regarding safety

14. What are the primary advantages of using a project management and scheduling system?

- a. It increases visibility across teams, improves coordination with trades, and helps identify scheduling conflicts early.
- b. It allows trade partners to manage their own schedules independently, minimizing the builder's need to coordinate tasks.
- c. It focuses primarily on post-construction tasks like warranty requests and homeowner communication.
- d. It automates all field decisions, eliminating the need for on-site project managers.

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15. Trade contractors are best motivated by which of the following incentives?

- a. Bonuses and regular performance evaluations
- b. Jobs that are clean and ready
- c. Assistance with their business plan
- d. Receipt of payments within 60 days of job completion

Domain 6: Research & Trends

Sample Question:

16. Which of the following is an effective way to retain construction employees?

- a. Restrict employee input to minimize distractions from production
- b. Limit training programs to reduce time away from jobsite activities
- c. Offer competitive wages and benefits aligned with industry standards
- d. Reduce enforcement of safety rules to maintain productivity levels

Correct Answers

1. c) A curb less shower.

Reason: The other items on that list are more directed to individuals needing assistive movement devices, such as a wheel chair, whereas a curbless shower makes access easier for all ages and ability types.

2. a) Adequate width.

Reason: If the hallway is designed with adequate width, then accommodation of a wheel chair, or adding handrails can be more easily accomplished. In addition, it is easier to add additional lighting than to widen a narrow hallway after it has been constructed.

3. d) Use building science principles to analyze the home's climate zone, orient the design for passive solar gain, implement an air-sealing strategy using a continuous air barrier, and specify cost-effective, durable materials that balance thermal performance with budget constraints.

Reason: This is a comprehensive solution that specifically takes into account a wide variety of elements impacting the overall cost-effectiveness and design for the location.

4. c) The effectiveness of fiberglass batts is dependent on the installation.

Reason: Reason 1 is the other distractors are not true. Poorly installing fiberglass batts can result in gaps and voids allowing heat to escape, compression that makes them less effective and incorrect pairing with the proper air sealing.

5. a) Revenue, cost of goods sold, and expenses.

Reason: These three categories give the best and simplest overall snapshot of where your business stands and they incorporate the other distractors by being general enough that the other items can be listed in one of these three categories.

6. b) Targeting Facebook ads to show only to married users aged 30–45 using demographic filters.

Reason: This would be discrimination based on protected classes. Targeting married and younger individuals discriminates against those who are single and age brackets outside of the 30-45 range.

7. d) Exterior finishes

Reason: Zoning laws focus on land use and spatial relationship, not aesthetics.

8. d) Local zoning ordinances

Reason: The local zoning ordinance would be the first consideration for the feasibility of project, which would or might be governed by building codes, HOA regulations, etc. after the feasibility approval.

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9. a) No closer than 2 feet

Reason: This minimum distance helps to prevent cave-ins by reducing pressure on the disturbed soil as well as prevents the fall of material into the excavated area.

10.d) Evaluation of the operator's performance

Reason: The safest way to determine if a person is competent on a piece of equipment is to observe them operating the equipment which provides much clearer information on what they know/don't know.

11.d) Safety Data Sheet

Reason: The safety data sheet explains the dangers and necessary protective equipment that is needed to work with a material safely.

12.b) When the ground surface is unstable

Reason: The mudsill distributes the weight over a larger area and prevents sinking into unstable soil. If the soil is stable enough to support the scaffold, then the mudsill is redundant.

13.a) Identifying job site hazards

Reason: Before developing a plan, it is important to know what the jobsite hazards are known so that any safety plan will be specifically designed to avoid those hazards and prevent injury.

14. a) It increases visibility across teams, improves coordination with trades and helps identify scheduling conflicts early.

Reason: Since there are a variety of tasks occurring at the same time and tasks that are dependent on the completion of initial tasks, having a sound tracking and scheduling system will ensure that the task flow remains on target.

15.b) Jobs that are clean and ready

Reason: Having a clear and ready jobsite allows subcontractors to focus solely on the work they need to accomplish without being concerned with obstacles or possible hazards.

16.c) Offer competitive wages and benefits aligned with industry standards

Reason: In order to keep employees from searching for a 'better deal' with other companies, knowing that wages and benefits are competitive within the industry encourages the employee to stay with the company.