

Quiz #3 - LEED Green Associate

GBLCC Section 3: Sustainable Thinking at Work: New Processes for Green Building

1. Which of these provides the project team with a more successful design approach to green building?
 - A. Interdisciplinary Process
 - B. Innovative Process
 - C. Integrative Process
 - D. Include and Collaborate Process

2. Green building requires a new way of thinking and approaching the design, construction, operation, and renovation of buildings and communities. Which of these processes are important to being successful at building green? [Choose three]
 - A. Closed loops
 - B. Systems thinking
 - C. Integrative process
 - D. Life-cycle assessment

3. Which of these is critical to the iterative process design approach?
 - A. Cost
 - B. Time
 - C. Feedback
 - D. Expertise

4. When is the best time for a new construction project team to commit to green building?
 - A. Site Selection
 - B. Before Site Selection
 - C. Schematic Design
 - D. Pre-Construction

5. Which of these is part of an iterative process for designing and building green? [Choose three]
 - A. Goal setting
 - B. Establish costs
 - C. Research green building technologies
 - D. Establish metrics and targets
 - E. Identify suppliers

6. Which of these will enable projects of all sizes and types to incorporate sustainability more effectively? [Choose three]
 - A. Define critical milestones
 - B. Assign champions
 - C. Clarifying goals up front
 - D. Establish project budget

7. Which of these is an intense workshop designed to produce specific deliverables generally held at the beginning of the project?
 - A. Team meeting
 - B. Stakeholder meeting
 - C. Charrette
 - D. Task group

8. Which of these contracting processes enable team members to participate from the early project stages, including goal setting and initial brainstorming? [Choose two]
 - A. Design-Bid-Build
 - B. Integrative Project Delivery (IPD)
 - C. Design Build (DB)
 - D. Lump Sum Bid
 - E. Lowest Bid

9. Which of these should be included when the project team is setting high-level sustainability goals for the project? [Choose two]
 - A. Schedule
 - B. Cost
 - C. Metrics
 - D. Targets

10. Which of these tools could be useful for a team to help set project team sustainability goals early in the design phase?
 - A. Cost analysis
 - B. Project Budget
 - C. LEED Checklist
 - D. Commissioning

11. Which of these site conditions would be important to a project team that has set a goal to reduce greenhouse gas emissions?
 - A. Existing roads
 - B. Connection to utility grid
 - C. Stormwater drains
 - D. Close proximity to residential neighborhood
 - E. Nearby mass transit

12. What management plan is used by LEED during construction to address measures to prevent erosion, sedimentation, and discharges of potential pollutants to water bodies and wetlands?
 - A. Waste Management Plan
 - B. Material Purchasing Plan
 - C. Indoor Environmental Quality Management Plan
 - D. Construction Pollution Prevention Plan
 - E. Stormwater Management Plan

13. Which of these is required of all LEED projects to verify compliance with regulatory requirements, LEED certification, or other third-party verification?
 - A. Documentation
 - B. LEED Project Checklist
 - C. Design Charrette
 - D. Commissioning
 - E. Chain-of-Custody Letters

14. Green Building success depends on which of these essential elements? [Choose three]
 - A. Start design process early
 - B. Establish clear costs and budget
 - C. Develop clear goals
 - D. Choose an urban location for the project site
 - E. Limit the number of people on the design team

15. Which of these is one of the best ways to identify areas for improvement to ensure that all building systems are performing well and continue to meet sustainability goals throughout the life of the project?
- A. Utility Bill
 - B. Waste audits
 - C. Green Purchasing Plan
 - D. Measurement and verification