

- 1) What are the advantages for the environment of choosing a project site that has already been developed? (Select 1)
 - a. Preserving open space
 - b. The site would have a greater development density
 - c. Local tax savings may be available
 - d. The site would be located near mass transit
- 2) What are the advantages of choosing a project site near densely populated areas? (Select 1)
 - a. Increased availability of rainwater
 - b. Reduction of heat islands
 - c. More lenient zoning rules
 - d. Protection of undeveloped land
- 3) Which is a high-priority site? (Select 1)
 - a. Area on or within fifty feet (fifteen meters) of a wetland
 - b. Land with endangered habitat
 - c. Historic district
 - d. Previously developed land
- 4) A homeowner in a warm region has chosen to rent a solar system rather than buy one. Which statement about that option is accurate? (Select 1)
 - a. Leasing the system would allow the owner to participate in a demand response program.
 - b. Leasing the system would decrease the home's electricity demand.
 - c. Leasing the system would increase the home's energy efficiency.
 - d. Leasing the system would offset a large up-front cost.
- 5) A school building uses power from the grid at night but generates electricity for the grid during the day using on-site solar panels, so there are no electricity bills for the school. This is an illustration of: (Select 1)
 - a. Net-zero energy
 - b. Zero waste
 - c. Carbon neutrality
 - d. Water balance
- 6) What environmental problem is brought on by the usage of refrigerants in HVAC&R systems? (Select 1)
 - a. Soil contamination
 - b. Groundwater contamination
 - c. Increasing greenhouse gas emissions
 - d. Increased CO2 indoors
- 7) When may a Project Team need to think about raising the ventilation levels to enhance the quality of the interior air? (Select 1)

- a. During building commissioning
- b. After the occupants have moved in
- c. Before the occupants move in
- d. Pre-design
- 8) Daylighting, natural ventilation, movable windows, and personal lighting controls are all features of green buildings What more may be included into the design to enhance occupant control and comfort? (Select 1)
 - a. Walk off mats in all emergency exits
 - b. Ergonomic desks
 - c. Discounted transit passes
 - d. Bicycle racks near the building entrance
- 9) Which goods would lessen the impact of cleaning chemicals on the environment? (Select 1)
 - a. Environmental Choice
 - b. Green-e
 - c. CRI
 - d. Green Label Plus
- 10) Materials with minimal VOC emissions, grates in the entryway, higher-rated MERV filters, and air intakes situated in an open-air parking garage are all examples of project designs with an emphasis on constructing healthy buildings. Which of these design principles has a detrimental influence on the quality of indoor air? (Select 1)
 - a. The materials with low VOC emissions
 - b. The grates used for the entryway
 - c. The higher-rated MERV filters
 - d. The location of the air intakes
- 11) Which of the following does not aid in the identification of sensitive habitats? (Select 1)
 - a. FEMA
 - b. The U.S. Code of Federal Regulations
 - c. The NatureServe Heritage Program
 - d. The U.S. Fish and Wildlife Service
 - e. ACEEE
- 12) Which benchmark is used to assess the minimal level of energy efficiency in LEED homes and low-rise multifamily buildings? (Select 1)
 - a. I-Codes
 - b. ENERGY STAR for Homes
 - c. ASHRAE 62.1
 - d. ASHRAE 90.1
 - e. Sustainable Sites

- 13) Which of the following is one of the tasks that integrative Project Team members complete together? (Select 1)
 - a. Identifying opportunities for synergy
 - b. Applying for financing
 - c. Select a target certification level
 - d. Energy modeling
- 14) A building owner in a hot environment wants to have an airtight structure and a green roof for insulation. What would need to be considered as part of this plan throughout the integrative process? (Select 1)
 - a. The green roof will increase the heat island effect.
 - b. Bringing in additional fresh air for indoor air quality.
 - c. Acoustic performance will be poor.
 - d. If the building has extensive glazing, cooling loads will increase.
- 15) In a city, a developer is looking at suitable locations for a new office building. What is one of the first stages to become LEED certified? (Select 1)
 - a. Setting construction material quantities
 - b. Discuss overlapping benefits
 - c. Convening a goal-setting workshop
 - d. Assigning roles and responsibilities
- 16) Which of the following is NOT true about LEED interpretations? (Select 1)
 - a. LEED interpretations can be applied to multiple projects.
 - b. LEED interpretations are an opportunity to contribute to LEED in a significant way.
 - c. LEED interpretations are used to add new requirements to the LEED Rating System.
 - d. LEED interpretations are reviewed by LEED committees comprised of member-selected green building practitioners and USGBC® staff.
- 17) How long can a Project Team take after project completion to phase-out any CFC-based refrigerants? (Select 1)
 - a. 3 years
 - b. 2 years
 - c. 5 years
 - d. 4 years
- 18) What LEED credit category honors construction projects on sites with development restrictions close to a diversity of uses, and in moderately crowded areas? (Select 1)
 - a. Smart Location and Linkage
 - b. Innovation
 - c. Location and Transportation
 - d. Sustainable Sites
- 19) What components make up each LEED rating system? (Select 1)

- a. 3rd party standards
- b. Combination of credit categories
- c. Impact categories
- d. Interpretations
- 20) Choosing goods that have been created with a sustainable design entails: (Select 1)
 - a. Source reduction
 - b. Recycling
 - c. Reuse
 - d. Waste diversion
- 21) What factors should be considered to choose the construction material for a project? (Select 3)
 - a. The size of the company supplying the materials
 - b. The cost of the material
 - c. How long the material has been used in other projects
 - d. The environmental impact of extracting and manufacturing the material
 - e. The impact of the material on society
 - f. If the company is a USGBC® member
- 22) Regional Priority credits are specific to: (Select 1)
 - a. LEED project type (schools, healthcare, data centers, etc.)
 - b. The state the project is located in
 - c. LEED credit category (BD+C, ID+C, etc.)
 - d. LEED rating system family
- 23) What solution for an entryway makes a suitable material choice for acceptable indoor air quality? (Select 1)
 - a. Stone tiles extracted and manufactured locally
 - b. Low VOC rubber mat
 - c. Carpeted tile shipped from overseas
 - d. Wood flooring made in another country
- 24) What are the environmental benefits of using salvaged wood in a residential project? (Select 1)
 - a. The wood flooring will have a lower cost since it did not have to be extracted from a forest.
 - b. The wood flooring will have a lower installation cost.
 - c. The wood flooring will reduce the demand for virgin resources.
 - d. The wood flooring will increase the tax base of the local economy.
 - e. Greenfields are sites not previously developed or graded that could support open space, habitat, or agriculture. (USGBC®) LEED prefers not building on greenfields but using previously developed land instead.

- 25) What elements influence the thermal comfort of an occupant? (Select 1)
 - a. VOC levels, glare, and acoustics
 - b. Acoustics, ergonomics, and views
 - c. Temperature, humidity, and air movement
 - d. Daylighting, air monitoring, and cleanliness
- 26) When would a flush-out happen in the project schedule? (Select 1)
 - a. Prior to occupants moving in
 - b. Prior to the building water being turned on
 - c. After the building envelope is weather-tight
 - d. After HVAC ducts have been sealed and protected
- 27) What attribute should recycled materials have in order to take advantage of synergies with regional materials? (Select 1)
 - a. Lower life-cycle costs
 - b. Remanufactured regionally
 - c. More durability
 - d. Low VOCs
- 28) Some wood flooring recovered onsite from a renovation project was refurbished and reused onsite. What type of material is the wood flooring considered? (Select 2)
 - a. Salvaged material
 - b. Virgin wood
 - c. Recycled content
 - d. Regional/local material
- 29) An office space renter requests an open floor plan. What is one compromise this choice entails? (Select 1)
 - a. The acoustics may be poor.
 - b. The room will have decreased air quality.
 - c. The space will not be able to include task lighting.
 - d. Daylighting will be harder to achieve.
- 30) What are the advantages of expanding the project's open space? (Select 2)
 - a. Increasing rainwater infiltration
 - b. Increased durability of the overall project
 - c. More habitat for vegetation and wildlife
 - d. Reducing potable water use
- 31) Which of the following is an intentional reduction in the electricity usage in response to a curtailment event or changes in the price of electricity? (Select 1)
 - a. Retrocommissioning
 - b. Demand response
 - c. Green pricing

- d. Load shifting
- 32) A major renovation project is thinking about using the existing HVAC&R equipment that contains 1 pound (450 grams) of CFC based refrigerant. In order to be eligible for a LEED certification, the Project Team should: (Select 1)
 - a. Complete a CFC phase-out conversion before the project completion.
 - b. Complete a CFC phase-out conversion during the first 5 years of the occupancy period.
 - c. Complete a CFC phase-out conversion during the first 10 years of the occupancy period.
 - d. 1 pound (450 grams) of CFC refrigerant in an existing piece of equipment is acceptable according to LEED standards, the equipment can be used without a CFC phase-out.
- 33) What indicates a material's ability to stay cool by reflecting solar radiation and emitting thermal radiation? Thus, both the reflectance and emissivity of a material will be combined to rank the material. (Select 1)
 - a. Solar reflective index (SRI)
 - b. Solar reflectance (SR)
 - c. Albedo
 - d. Heat island effect
- 34) Which of the following are the phases of the split review option for the LEED BD+C and LEED ID+C project certification? (Select 1)
 - a. Preliminary design and construction
 - b. Anticipated and awarded
 - c. Design and construction
 - d. Preliminary review and final review
- 35) When choosing environmentally friendly products, a Project Team should look for: (Select 2)
 - a. Health Product Declarations (HPD)
 - b. Environmental Product Declarations (EPD)
 - c. Custodial effectiveness assessments
 - d. Greenwashing
- 36) Which of the following LEED for Neighborhood Development (LEED ND) credit category encourages more sustainable use of materials and the reuse of existing and historic structures? (Select 1)
 - a. Smart Location and Linkage
 - b. Innovation and Design
 - c. Green Infrastructure and Buildings
 - d. Regional Priority

- 37) According to LEED, recycled content is the sum of ______, which is based on cost. (Select 1)
 - a. 100% of the postconsumer recycled content plus 100% of the preconsumer recycled content
 - b. 100% of the postconsumer recycled content plus 50% of the preconsumer recycled content
 - c. 50% of the postconsumer recycled content plus 50% of the preconsumer recycled content
 - d. 50% of the postconsumer recycled content plus 100% of the preconsumer recycled content
- 38) Which of the following LEED certification fees will vary according to the project size? (Select 1)
 - a. Registration fee
 - b. Review (certification) fee
 - c. Expedited review fee
 - d. Credit interpretation ruling fee
- 39) What landscaping strategy will best eliminate the need for irrigation? (Select 1)
 - a. Micro-irrigation
 - b. Mulching
 - c. Xeriscaping
 - d. Drip irrigation
- 40) Which of the following does a site assessment evaluate? (Select 1)
 - a. Existing structures and Surrounding density
 - b. Hydrology and Shading
 - c. Hydrology and Geology
 - d. Shading and Existing structures
 - e. Surrounding density and Existing structures
- 41) What is the impact of creating a dense, compact mixed-use neighborhood? (Select 1)
 - a. Less pavement for roads and less infrastructure for utilities
 - b. Increased in the travel time to work for occupants
 - c. Increased in flooding from stormwater runoff and the heat island effect
 - d. Decreased availability of alternative transportation
- 42) A door found onsite and turned into a table as part of a major renovation would be considered what type of material? (Select 1)
 - a. Reused
 - b. Renewable material
 - c. Commingled material
 - d. Recycled material

- 43) Designing a building with a natural ventilation system will impact which of these credit categories? (Select 1)
 - a. Sustainable Sites
 - b. Energy and Atmosphere
 - c. Materials and Resources
 - d. Integrative Strategies
- 44) A developer is reviewing potential sites for a new office building in an urban area. What is one of the first steps towards LEED certification? (Select 1)
 - a. Convening a goal-setting workshop
 - b. Setting construction material quantities
 - c. Discuss overlapping benefits
 - d. Assigning roles and responsibilities
- 45) What is one role of GBCI? (Select 1)
 - a. Third-party technical reviews of registered LEED projects
 - b. Approving the LEED Rating Systems
 - c. Promoting the triple bottom line
 - d. Auditing USGBC® Member Companies
- 46) The triple bottom line can be described as: (Select 1)
 - a. People, planet, profit
 - b. Socially responsible enterprise and investment
 - c. Integration of a building with its natural surroundings
 - d. The cost of green building
- 47) Which of the following best describes systems thinking? (Select 1)
 - a. A Sustainable plan for built environments that improve existing conditions.
 - b. An approach to design and operations that brings team members together to work collaboratively on all the project's systems, finding synergistic solutions that support greater levels of sustainability.
 - c. A formal review process of the design of a project based on its intended function to identify potential alternatives that reduce costs and improve performance.
 - d. An understanding of the built environment as a series of relationships in which all parts influence many other parts.
- 48) Which of the following would a landscape architect use to measure the outdoor water use of a project? (Select 1)
 - a. EPA WaterSense Water Budget Tool
 - b. Local historic records
 - c. IPC and UPC codes
 - d. EPAct 1992

- 49) What is the best design strategy for improving indoor air quality during operations and maintenance of a building? (Select 1)
 - a. Use air filters with high Minimum Efficiency Reporting Value (MERV) ratings
 - b. Orient the building for optimal sun exposure
 - c. Use natural refrigerants
 - d. Use soft surfaces on the interiors
- 50) What does LEED stand for? (Select 1)
 - a. Leadership in Energy Efficient Design
 - b. Leadership in Energy and Environmental Design
 - c. Leadership in Energy and Efficient Design
 - d. Leadership in Environmental Efficient Design
- 51) The Sustainable Sites category focuses on all the following EXCEPT which of the following: (Select 1)
 - a. Restoring project site elements
 - b. Integrating the site with local and regional ecosystems
 - c. Preserving the biodiversity on which natural systems rely
 - d. The ways in which community infrastructure affects occupants' behavior and environmental performance
- 52) What is lighting power density measured in? (Select 1)
 - a. Number of luminaries per unit area
 - b. Installed lighting power per unit area
 - c. Footcandles per floor area
 - d. The quantity of light trespass on adjacent sites, measured in watts
- 53) Which of the following preventive maintenance tasks would a facility manager routinely perform to maintain indoor air quality? (Select 1)
 - a. Conducting a flush-out and Replacing air filters
 - b. Calibrating sensors and Replacing air filters
 - c. Conducting a flush-out and Cleaning the ducts with UV light
 - d. Dusting all blinds with electrostatic cloths and Calibrating sensors
- 54) Which of the following does NOT exemplify strategies of reducing harm to the environment over a building's entire life? (Select 1)
 - a. Restoring a historic building
 - b. Using salvaged flooring in a new building
 - c. Conducting a life-cycle assessment to help reduce a building's environmental footprint
 - d. Tearing down a building and putting up a more energy-efficient one in its place
- 55) A bioswale would be used to help earn credit in what LEED category? (Select 1)
 - a. Water Efficiency

- b. Energy and Atmosphere
- c. Sustainable Sites
- d. Indoor Environmental Quality
- 56) If a project owner wants to create a landscape with plants that require watering, which of the following is the minimum outdoor water reduction from a baseline required for a new office project? (Select 1)
 - a. 10%
 - b. 20%
 - c. 30%
 - d. 40%
- 57) Which of the following are examples of infill development? (Select 1)
 - a. A design that increases the number of units of residential space per acre
 - b. A store built inside an existing parking deck
 - c. The development of a brownfield site
 - d. An office project on a previously developed site in a city center
- 58) What amount of time do people in the United States spend on average indoors? (Select 1)
 - a. 50%
 - b. 60%
 - c. 70%
 - d. 80%
 - e. 90%
- 59) What is an environmental benefit of cogeneration? (Select 1)
 - a. Reduced erosion and sedimentation
 - b. Reduced air pollution
 - c. Reduced wastewater generation
 - d. Recharging of aquifers
- 60) What are the roles of USGBC®? (Select 1)
 - a. Overseeing LEED credential maintenance and third-party technical reviews of registered LEED projects
 - b. Administering and creating the LEED rating systems and issuing LEED building certifications
 - c. Auditing member companies and providing building grants to for-profit companies
 - d. Promoting the triple bottom line and administering the LEED exams
- 61) A project developer is creating an erosion and sedimentation control plan. The plan must conform to which of the following requirements? (Select 1)
 - a. The EPA Construction General Permit or the local equivalent
 - b. The LEED ESC Plan
 - c. The landscape architect's site elevations

- d. The Owner's Project Requirements (OPR)
- 62) Which of the following are strategies do NOT help a Project Team design for flexibility? (Select 1)
 - a. Demountable partitions
 - b. Modular casework
 - c. Moveable furniture
 - d. Operable windows
- 63) Which of the following building components contribute to the plug load? (Select 1)
 - a. Computers
 - b. Elevators
 - c. Recessed lighting
 - d. HVAC system
- 64) Developments located within walking distance of diverse uses reduce: (Select 1)
 - a. Water use
 - b. Greenhouse gas reductions
 - c. Sedimentation of nearby water bodies
 - d. Air pollution
- 65) What steps would be included in the pre-design phase of a green building project? (Select 1)
 - a. Develop, test, and select green systems
 - b. Commissioning Document Review
 - c. Review laws and standards
 - d. Review material's test data
- 66) Which of the following project designs would help with both rainwater management and municipal water use reduction? (Select 1)
 - a. Rainwater harvesting
 - b. Vegetated roof
 - c. Submetering
 - d. Underground parking
- 67) Which of the following contaminants is not removed by a proper ventilation system? (Select 1)
 - a. Radon
 - b. Material off-gassing
 - c. CO2 concentrations
 - d. CFCs
- 68) Which of the following are credit categories found in the LEED scorecard? (Select 1)
 - a. Sustainable Sites and Indoor Air Quality
 - b. Water Efficiency and LEED AP

- c. Materials and Resources and Sustainable Sites
- d. Energy Performance and Materials and Resources
- 69) What rules should be used when selecting a LEED rating system when more than one system may apply? (Select 2)
 - a. 25/75
 - b. 75/25
 - c. 40/60
 - d. Use the rating system that is most applicable
- 70) To verify the compliance of credit or prerequisite, a qualified member of the project team submits: (Select 1)
 - a. Letter of attestation
 - b. CIR
 - c. LEED Scoreboard
 - d. Credit Forms
- 71) This source consumes the largest amount of energy in buildings: (Select 1)
 - a. Space Heating
 - b. Water Heating
 - c. Office Equipment
 - d. Lighting
- 72) Legal protection of the ozone layer in the U.S. is provided by this: (Select 1)
 - a. US DOE
 - b. Kyoto Protocol
 - c. Montreal Protocol
 - d. ASRAE Standards
- 73) To measure building energy performance, which standard would you use? (Select 1)
 - a. ASHRAE 62.2
 - b. ASHRAE 90.1
 - c. ENERGY STAR
 - d. ISO 14020
- 74) What flush rate is the baseline water consumption for water closets established by The Energy Policy Act? (Select 1)
 - a. 1.0 gallons per flush
 - b. 1.6 gallons per flush
 - c. 0.6 gallons per flush
 - d. 1.6 gallons per minute
- 75) The Triple Bottom Line calculate the human and environmental effects associated with which of these: (Select 1)

- a. Federal, state, and local codes
- b. Social, economics, and environment
- c. Energy, water, and air
- d. Global warming, ozone depletion, and carbon emissions
- 76) Construction and demolition debris cannot include 2 of these items: (Select 2)
 - a. Rock
 - b. Soil
 - c. Wood
 - d. Concrete
- 77) Which rating system is most appropriate for a project that includes a major HVAC renovation, significant envelope modification, and core plumbing renovation? (Select 1)
 - a. LEED BD+C: Core and Shell
 - b. LEED BD+C: New Construction
 - c. LEED O+M: Existing Building
 - d. LEED O+M: Interior Fit-Out
- 78) How many Building Product Disclosure and Optimization (BPDO) credits are available in the Materials and Resources credit category? (Select 1)
 - a. 2
 - b. 3
 - c. 4
 - d. 5
- 79) For Storage and Collection of Recyclables, a building recycling program must include these items: (Select 3)
 - a. Plastic
 - b. Cardboard
 - c. Hazardous materials
 - d. Brick
 - e. Metal
- 80) What are the major responsibilities of the Green Building Certification Institute (GBCI)? (Select 2)
 - a. Developing LEED Green Building Rating Systems
 - b. Providing third-party LEED professional credentialing
 - c. Providing and developing LEED-based education and research projects
 - d. Providing third-party LEED project certification
- 81) Retrocommissioning for existing buildings is commissioning that focuses on which of the following project areas? (Select 1)
 - a. Advanced energy metering
 - b. Operational energy efficiency

- c. Identifying system problems prior to occupancy
- d. Selecting environmentally preferable products
- 82) The LEED project boundary is defined as: (Select 1)
 - a. The same as the site boundary
 - b. The portion of the site encompassing the building and hardscape areas only
 - c. The boundary description that is submitted for certification
 - d. The same as the attendance boundary
- 83) Energy efficiency can be achieved by: (Select 1)
 - a. Using technology that requires less energy to perform the same function as a conventional item
 - b. Implementing strategies that reduce resource use 20% from a baseline comparison
 - c. Implementing strategies that reduce resource use 10% from a baseline comparison
 - d. Replace all existing building products with newer building products
- 84) The MPR regarding minimum project size for LEED BD+C and LEED O+M Rating Systems is: (Select 1)
 - a. 1,000 square feet of gross floor area
 - b. 250 square feet of gross floor area
 - c. 1,500 square feet of gross floor area
 - d. 93 square feet of gross floor area
- 85) Which is the popular program for comparing the energy performance of multiple buildings? (Select 1)
 - a. ENERGY STAR
 - b. ASRAE 90.1-2007
 - c. EPAct 90.1-2004
 - d. ASRAE 90.1-2004
- 86) Which Innovation strategy involves earning an extra point for achieving double the credit requirements? (Select 1)
 - a. Innovation
 - b. Pilot
 - c. Exemplary performance
 - d. Bonus
- 87) The major consideration while developing a sustainable project budget is: (Select 1)
 - a. Final contractor bids
 - b. Construction hard costs only
 - c. Life-Cycle Costs
 - d. Triple Bottom Line

- 88) The EPAct 1992 water standard excludes which of the following types of fixtures and equipment? (Select 1)
 - a. Urinals
 - b. Lavatory faucets
 - c. Dishwashers
 - d. Water closets
 - e. Feedback
- 89) Why does LEED prefer an integrative approach to projects? (Select 1)
 - a. The integrative process is linear.
 - b. The integrative process applies to any phase in the life-cycle of a building or land-use project.
 - c. The integrative process is only used for new construction design processes.
 - d. The integrative process highlights only pre-approved LEED products.
- 90) What are all LEED buildings required to do? (Select 1)
 - a. Meet all prerequisites
 - b. Meet all prerequisites and get at least 40 points
 - c. Complete a registration application and meet all credit prerequisites
 - d. Satisfy five of the seven credit categories
- 91) What are three of the LEED impact categories principles? (Select 1)
 - a. Reverse contribution to climate change, add to a mixed-use community, and use recyclable materials
 - b. Enhance human health and well-being, protect and restore water resources, and build a greener economy
 - c. Enhance human health and well-being, reduce water use, and find alternatives to climate change
 - d. Use recyclable materials, reduce water use, and enhance quality of life
- 92) To increase diversity of uses, select a project site that: (Select 1)
 - a. Is within walking distance of a public park
 - b. Is within walking distance of a commuter rail line
 - c. Has underground parking and open space on the property
 - d. Is located next door to an ATM
- 93) Which of the following strategies could help a Project Team provide quality open space on a project site? (Select 1)
 - a. Add a community garden located adjacent to the project boundary.
 - b. Add a private garden for company executives.
 - c. Add a walking trail on the property.
 - d. Add a water-detention pond.

| 94) Which of the following is a structural incentive that may encourage a developer to pursue green building? (Select 1) a. Fee waiver b. Tax credit c. Grant d. Density bonus |
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| 95) What is the lowest level of LEED certification? (Select 1) a. Bronze b. Silver c. Accredited d. Certified |
| 96) What standard defines a green vehicle? (Select 1) a. EPA Transportation and Air Quality standard b. SCAQMD air quality standards c. Green-e Certified d. Has a minimum green score of 45 on the ACEEE annual vehicle guide |
| 97) A construction waste management plan should include which of the following? (Select 1) a. A list of which existing building materials, if any, will be reused b. A list of construction waste materials that will be commingled or separated during recycling c. A list of recommended technologies and materials that will help reduce waste d. A data sheet showing the distance between the project and where its materials were purchased |
| 98) LEED does not allow for irrigation purposes. (Select 1) a. Potable water b. Laundry water c. Blackwater d. Rainwater |
| 99) LEED projects are required to focus on indoor water savings. At least how much water savings must a Project Team work toward? (Select 1) a. 35% b. 20% c. 15% d. 10% |
| 100) Providing individual lighting and thermal controls leads to what effect for building occupants? (Select 1) |

a. Improved ventilation

- b. Improved productivity

- c. Improved indoor air qualityd. Improved acoustics