

LEED for Neighborhood Development (LEED ND)

Quiz #2 – Smart Location and Linkage (SLL)

1. Which of these is a preferable site location for a LEED for Neighborhood Development projects?
 - A. Infill, previously undeveloped, sites adjacent to existing development
 - B. Infill, previously developed, sites adjacent to existing development
 - C. Previously developed, adjacent to previously undeveloped, within previously existing developments
 - D. Sites that are 50% previously undeveloped and 50% previously developed

2. SSL Prerequisite Smart Location requires all projects to locate the project on a site served by existing
 - A. multimodal transportation
 - B. parks and nature trails
 - C. bike paths
 - D. water and wastewater infrastructure

3. To meet the requirement for SLL prerequisite Smart Location, Option 3. Transit Corridor, projects with multiple transit types (bus, streetcar, rail, or ferry) must have what minimum daily transit service?
 - A. 60 Weekday trips and 40 weekend trips
 - B. 24 Weekday trips and 6 weekend trips
 - C. 60 Weekday trips
 - D. 320 Weekday trips and 200 weekend trips

4. How is connectivity measured?
 - A. Gross floor area divided by total project area
 - B. Dwelling units per acre
 - C. Intersections per square mile
 - D. Dwellings units per transit trips

5. What units are used to measure a circulation network?
 - A. Lineal feet
 - B. Square Miles
 - C. Square feet
 - D. Acres

6. Which of these organizations can be used to determine the presence of imperiled species and ecological communities?
 - A. ASHRAE
 - B. FEMA
 - C. State Fish and Wildlife Agencies
 - D. Conservation Resources Services

7. Which of these individuals could help a project to create and implement a habitat conservation plan?
 - A. Arborist to determine the local wildlife and habitat
 - B. Biologist to investigate ecologically endangered areas
 - C. Geologist to identify the source of contamination present in a brownfield
 - D. Hydrologist to conduct a soil survey of potential prime farmland area

8. Which of these would meet the requirements for SLL Prerequisite Wetland and Water Body Conservation?
 - A. land within 40 feet of wetlands, and land within 75 feet of water bodies
 - B. land within 40 feet of wetlands, and land within 100 feet of water bodies
 - C. land within 50 feet of wetlands, and land within 100 feet of water bodies
 - D. land within 50 feet of wetlands, and land within 75 feet of water bodies

9. Minor construction can occur to enhance appreciation of them in which buffer areas?
- Floodplains
 - Wetland and Water Body
 - Lakes
 - Streams
10. Which of these is a farmland protection program administered by government?
- Transfer of Development Rights (TDR)
 - Modified Rational Method (MRM)
 - FEMA
 - Conservation Resource Services (CRS)
11. A project in a metropolitan statistical area with a population of 400,000 people has 100 dwelling units on 10 acres (4 hectares) of buildable residential land. It will include a 0.1-acre (0.04-hectare) on-site community garden. The soil survey shows that the project's development footprint encroaches on 2 acres of prime soil. Determine the required mitigation land area for a project that has a mitigation ratio of 1.5 acres.
- 3.0 acres
 - 2.9 acres
 - 10 acres
 - 3.1 acres
12. Which of these is the referenced standard for identifying prime farmland?
- Conservation International
 - Department of Agriculture
 - NRCS soil survey
 - FEMA
13. A project has several buildings located on previously developed land within a flood hazard area. Which of these design standards would meet the requirement for SLL Credit Floodplain Avoidance?
- National Flood Insurance Program (NFPI)
 - ASHRAE
 - Federal Emergency Management Agency (FEMA)
 - Difficult Development Area (DDA)
14. Which of this site locations would help a project to achieve the most points possible for SLL Credit Smart Locations?
- a previously developed site that is not an adjacent site or infill site
 - an adjacent site that is also a previously developed site
 - an infill site that is not a previously developed site
 - an infill site that is also a previously developed site
15. To earn the SLL Credit Brownfield Remediation,
- the entire project site must be a Brownfield.
 - the entire project site does not need to be a brownfield.
 - a previously remediated brownfield must be on the project site.
 - remediation of contaminants in existing buildings, like asbestos or debris found on site, qualifies.

16. A development project includes a 10,000-ft² office building with 40 full-time employees and 10 peak visitors. How many long-term bicycle storage spaces are required for SSL Credit Bicycle Facilities?
- A. 4 storage spaces
 - B. 0.25 storage spaces
 - C. 2 storage spaces
 - D. 1 storage space
17. What is the maximum allowable street speed to be included in a bicycle network?
- A. 30 mph
 - B. 25 mph
 - C. 20 mph
 - D. 15 mph
18. To be considered as part of a bicycle network off-street bicycle paths or trails for a two-way path must be at least how wide?
- A. 3 feet
 - B. 5 feet
 - C. 6 feet
 - D. 8 feet
19. If a project has 300 dwelling units and wants to earn the Smart Location and Linkage (SLL) credit Housing and Jobs Proximity, Option 2. Project with Residential Component, how many full-time equivalent jobs must be within the ½-mile walking distance of the project's geographic center?
- A. 60
 - B. 90
 - C. 150
 - D. 300
20. For SSL Credit Steep Slope Protection, the restoration areas must use
- A. Native and adapted plants
 - B. Turf
 - C. Artificial turf
 - D. Temporary seeding
21. For SSL Credit Steep Slope Protection, what percentage of previously developed areas of slope greater than 40% must be restored?
- A. None
 - B. 40%
 - C. 60%
 - D. 100%
22. To achieve the requirements for SSL Credit Long-Term Conservation Management of Habitat or Wetlands and Water Bodies projects must create and commit to implementing a management plan for existing or recently restored on-site native habitats, water bodies, or wetlands and their buffers, and create a guaranteed funding source for management for how long?
- A. ten years
 - B. five years
 - C. two years
 - D. one year