

Section 2 – Inventory and Analysis

Item Types

There are two item types found on Section 2 of the L.A.R.E.

- Multiple Choice
-You will select ONE answer.
 - Multiple Response
-You will be able to select MORE THAN ONE answer. This item type will ask you to "**choose all that apply**" or to "**choose 2**" or "**choose 3**" etc.
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Determine Applicable Codes, Regulations, and Permitting Requirements

1. Which of the following are commonly prescribed in a zoning ordinance [by-law]? *Choose all that apply.*

- a. Land use.
- b. Density.
- c. Off-street parking requirements.
- d. Setbacks.

Conduct Onsite Investigation

2. During the visual inspection of a site, the landscape architect should be able to determine which of the following? *Choose 3 that apply.*

- a. Safe access points from adjacent roads.
- b. Areas subject to excessive erosion.
- c. The general extent of wetlands.
- d. Limits of the 100-year floodplain.

Collect and Record Site Inventory

3. Which of the following is an example of a site inventory item for natural factors?

- a. Physiology.
- b. Existing land use.
- c. Socioeconomic.
- d. Infrastructure.

Analyze Codes and Regulations for Design Impact

4. A project, as designed, fails to meet setback requirements. Which of the following options may the owner choose to do? *Choose all that apply.*
- a. Redesign the project.
 - b. Apply for eminent domain [expropriation].
 - c. Request rezoning.
 - d. Apply for a variance.

Perform Site Use Analysis

5. Special environments such as wetlands, unique habitats and archaeological sites are analyzed and evaluated in order to do which of the following?
- a. Determine aesthetic goals of proposed developments.
 - b. Determine suitability of proposed land use.
 - c. Identify point source pollution.
 - d. Identify potential regional transportation routes.

Perform Circulation Analysis

6. Transportation studies normally involve all of the following EXCEPT the
- a. a.m. and p.m. peak usage.
 - b. weight of vehicles using the corridor.
 - c. number of left and right turns at intersections.
 - d. daily trips of vehicles.

Perform Microclimate Analysis

7. Which of the following are key factors that contribute to fire danger?
- a. Fuel, topography and weather
 - b. Fuel, topography and urban development
 - c. Topography, urban development and human intervention
 - d. Human intervention, topography and weather

Perform Vegetation Analysis

8. An indicator of soil associations is
- a. wildlife habitats
 - b. stream flow characteristics
 - c. plant communities
 - d. soil productivity

Interpret Ecological Analysis (e.g. habitat, biodiversity)

9. An inventory of a meadow ecosystem would best determine its overall eco-health on the basis of
- a. biodiversity.
 - b. freedom from invasive species.
 - c. vigor.
 - d. biodensity.

Perform a Slope Analysis

10. Drainage basin divides occur at
- a. ridges.
 - b. valleys.
 - c. swales.
 - d. lakes.

Interpret Soil Analysis

11. To be considered a shrinking and swelling hazard, the soil must
- a. contain a high iron content.
 - b. experience fluctuating changes in moisture content.
 - c. be subject to bedrock decomposition.
 - d. be subject to gravity loading and natural wetting.
12. Which of the following actions may cause a slide or slump on a site containing clay and shale layers in a sloping condition? *Choose 3 that apply.*
- a. Loading the site with structures.
 - b. Regrading the site to reduce the slope.
 - c. Adding irrigation.
 - d. Adding a septic system.

Interpret Geotechnical Analysis

13. Which of the following future uses could be considered for a closed, solid-waste landfill site?
- a. Low density residential housing.
 - b. Park development.
 - c. Commercial offices.
 - d. Manufacturing facilities.

Perform Small-Scale Surface Hydrological Analysis

14. Non-point source pollution of surface water bodies can be controlled through proper land use planning techniques including which of the following? *Choose all that apply.*

- a. Proper design and placement of septic systems.
- b. Elimination of fertilizer laden runoff.
- c. On-site retention of stormwater runoff.
- d. Maintaining heavily vegetated buffers between developed areas and surface water bodies.

Analyze On and Offsite Relationships

15. Facilities within a park can deviate from standard size requirements due to which of the following? *Choose all that apply.*

- a. Specific site design requirements.
- b. Site characteristics.
- c. Agency policies.
- d. Adjoining land use.

Answer Key:

1. A, B, C, D
2. A, B, C
3. A
4. A, C, D
5. B
6. B
7. A
8. C
9. A
10. A
11. B
12. A, C, D
13. B
14. A, B, C, D
15. A, B, C