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.

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