

**\*\*\* EXAMINATION \*\*\***

**SITE PLANNING AND DESIGN**

**1. Site planning is:**

- a) the art of evaluating a site
- b) determining an appropriate program of activity
- c) organizing a program of activity on the site
- d) All of the above

**2. The site planning and design process applies:**

- a) a man-made system upon a natural system
- b) a natural system upon a man-made system
- c) an artificial system upon a natural system
- d) an artificial system upon a man-made system

**3. An objective of site planning is:**

- a) ensure a safe environment
- b) allow for expansion
- c) provide energy-efficient design solutions
- d) All of the above

**4. The development of a physical environment requires:**

- a) defining potential developers
- b) defining natural site assets
- c) removing certain natural site assets
- d) None of the above

**5. An on-site condition is:**

- a) cost
- b) availability of disposal facilities
- c) topography
- d) None of the above

**6. Construction documents include:**

- a) a list of bidders
- b) sample projects
- c) site details
- d) All of the above

7. **The sketch of the site plan should show:**
  - a) pedestrian circulation
  - b) off-site disposal facilities
  - c) a bidder's list
  - d) All of the above
  
8. **A concept site plan should show:**
  - a) utilities
  - b) planting
  - c) grading
  - d) All of the above
  
9. **Utilities include:**
  - a) water
  - b) sewer
  - c) electric
  - d) All of the above
  
10. **Alternative travel modes include:**
  - a) wider on-site streets
  - b) carpooling
  - c) one-way traffic
  - d) None of the above
  
11. **A topographic survey includes:**
  - a) water bodies
  - b) utilities
  - c) existing structures
  - d) All of the above
  
12. **Sources of maps include:**
  - a) FEMA
  - b) HUD
  - c) DOE
  - d) All of the above
  
13. **The base map for the site inventory is:**
  - a) a FEMA map
  - b) an USGS map
  - c) the site survey map
  - d) None of the above
  
14. **A site traffic impact study should be prepared for areas near:**
  - a) interstate highways
  - b) state highways
  - c) sensitive neighborhoods
  - d) All of the above

15. **The utilities included on a site map are:**
- a) buildings
  - b) telephone lines
  - c) streets
  - d) property lines
16. **Radiant energy is a:**
- a) principal climatic variable
  - b) result of volcanic soil
  - c) result of building convection
  - d) All of the above
17. **A factor in wildlife sustenance is:**
- a) the soil condition
  - b) the density of buildings
  - c) the density of parking
  - d) the vegetation
18. **An environmental hazard may:**
- a) prevent the development of the site
  - b) require taller buildings
  - c) require additional waste facilities
  - d) All of the above
19. **An example of a dimensional factor is:**
- a) the length of a curved property line
  - b) a building setback
  - c) the building heights
  - d) None of the above
20. **The orientation of a building should:**
- a) harvest or avoid maximum sunlight
  - b) create shade to the south
  - c) take advantage of east-west summer breezes
  - d) All of the above

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