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Continuing Education Course #277
A Review of Site Features

1. True or False, all site features are based on State Department of Transportation Details.
 a. True
 b. False
2. True or False, "rigid" pavement is typically has asphaltic cement as a major component.
 a. True
 b. False
3. The following process causes portland cement concrete to harden and solidify, but also causes shrinkage:
 a. Spoilage
 b. Hydration
 c. Aggregation
 d. Hydraulic Evaporation
4. True or False, ABC stands for Aggregation Before Cementation.
 a. True
 b. False
5. True or False, Thermoplastic paint is cooled before applying so that it creates a stronger bond over time.
 a. True
 b. False
6. True or False, Asphalt Curb is one of the more durable and aestically pleasing types of curb.
 a. True
 b. False
7. The following is the name of a variable height curb that transitions from a flush or depressed condition to a full height condition.
 a. Bowelled
 b. Convex
 c. Tapered
 d. offset
8. The following type of curb is useful adjacent to steeper slopes as it functions as a "mini" retaining wall?
 a. Retained
 b. Mountable
 c. Extended
 d. Flush

NOTE: The following question was revised on 21 June 2018

9. True or False, All ramps on planet earth must always be designed and installed so as to accommodate those with disabilities and consistent with government standards.

- a. True
- b. False

NOTE: The following question was revised on 10 Jan 2019

10. If an ADA ramp is installed for 50' (excluding landings at the top and bottom) at the maximum permitted slope, how high is the change in rise?

- a. 3'-9"
- b. 4.67'
- c. 4'-1"
- d. 4'-4"

NOTE: The following question was revised on 10 Jan 2019

11. If an ADA ramp is needed to go up 9'-8", how much linear distance is needed for the entire ramp construction, including landings at the top and bottom?

- a. 14'
- b. 111'
- c. 141'
- d. 411'

NOTE: The following question was revised on 5 Feb 2019

12. If an ADA ramp at maximum slope has a linear distance of 155' (including 5' landings at the top and bottom), how many total landings are needed; including the two (2) noted landings?

- a. 2 landings
- b. 4 landings
- c. 6 landings
- d. 8 landings

NOTE: The following question was revised on 21 June 2018

13. Choose the best answer. Detectable material should be installed:

- a. at the bottom of all sidewalk ramps on planet earth.
- b. at the location where there is a transition into traffic.
- c. at the bottom of the Municipal building main entrance steps.
- d. all of the above

14. This is the name of the site feature that is often constructed in order to screen dumpster storage from view.

- a. Trash Compactor
- b. Trash Enclosure
- c. Cart Corral
- d. Coral Reef

15. True or False, as a site feature, islands are always surrounded by the wet / water storage portion of a detention basin or "wet pond".

- a. True
- b. False

16. Many traffic signs are mounted in such a way that if they are struck by a vehicle the damage caused is minimized as well as being fairly easy to replace / remount the sign and mounting. The feature that is incorporated to makes this a

reality is called the:

- a. Pylon Sign pole
- b. Bollard
- c. self Restoring Equipment
- d. Breakaway Post

17. True or False, Full cut off light fixtures direct all light downward and are utilized, especially in locations where the ordinance has limitations on light pollution.

- a. True
- b. False

18. True or False, Inlets and Catch basins allow stormwater to enter them from the surface and manholes convey the water from pipe to pipe; manholes are never intended to allow water to enter them directly from the surface.

- a. True
- b. False

19. True or False, Inlet casting manufacturers have developed curb pieces that allow them to be integrated into a mountable curb scenario.

- a. True
- b. False

NOTE: The following question was revised on 5 Feb 2019

20. This item is installed for the purpose of controlling the rate of stormwater leaving a detention basin. It is typically designed with orifices and/or weirs. The acronym for this site feature is:

- a. FES
- b. MUTCD
- c. OCS
- d. LOL

21. If a stand-by generator is installed adjacent to vehicular traffic, the following items may be installed to protect the enclosure from being struck:

- a. Bike racks
- b. Handicap Parking signs with breakaway posts
- c. Bollards
- d. Popsicle sticks

22. The following is a way to minimize visibility of an electric transformer from view:

- a. A Fence Screen Enclosure
- b. Vegetative Screening
- c. Either A or B
- d. Hide it under a basket

23. True or False, A type of valve assembly used so that the status of a buried valve is observable at the surface is called a post indicator valve or PIV.

- a. True
- b. False

NOTE: The following question was revised on 21 June 2018

24. What color is standard for all fire hydrants on planet earth?:

- a. Red
- b. Black

- c. Yellow
- d. There is no global standard color for fire hydrants

25. True or False, the term "monitoring well" is only used as a way to describe when a security guard is doing a good job of watching the Closed Circuit TV screens inside of the security office.

- a. True
- b. False

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