Assignment 12

Due on 2020-04-02, 23:59 IST.

The area for this assignment has been provided:

1. Where is the clay layer provided either in the body of a substantial single layer soil?
   - Bottom layer
   - Shallow layer
   - Clay layer
   - All the above
   - None of the above
   - Accepted Answers: Bottom layer, Shallow layer, Clay layer
   - Rs, the answer is incorrect.

2. Why is the bottom layer provided in a sand layer?
   - To increase the freezing capacity of soil
   - To protect the landform above
   - To prevent the flow of moisture into the foundation soil
   - All of the above
   - None of the above
   - Accepted Answers: To protect the landform above, To prevent the flow of moisture into the foundation soil
   - Rs, the answer is incorrect.

3. Why is the upper layer provided above the sand layer?
   - To prevent the depth of rain water
   - To prevent the rainfall of water
   - To prevent the depth of water
   - All of the above
   - None of the above
   - Accepted Answers: To prevent the depth of rain water, To prevent the rainfall of water
   - Rs, the answer is incorrect.

4. Of the following statements are correct?
   - OIL is provided below the granular layer
   - OIL is provided above the clay layer
   - Generals are provided for drainage purposes
   - All of the above
   - None of the above
   - Accepted Answers: OIL is provided below the granular layer, Generals are provided for drainage purposes
   - Rs, the answer is incorrect.

5. Lead to the formation of crust from the land fill due to
   - Shrinkage cracks in the clay layer
   - Nitrates in the granular layer
   - Impact of rainfall on parts
   - All of the above
   - None of the above
   - Accepted Answers: Shrinkage cracks in the clay layer, Nitrates in the granular layer
   - Rs, the answer is incorrect.

6. Major components of a land fill are
   - Bottom and soluble water
   - Shallow layer
   - Clay layer
   - Gas collection and removal system
   - All of the above
   - None of the above
   - Accepted Answers: Bottom and soluble water, Shallow layer, Clay layer, Gas collection and removal system
   - Rs, the answer is incorrect.

7. What is the flow effective tools to check the quality of the sewer?
   - Air pressure test
   - Vacuum from test
   - Water test
   - None of the above
   - Accepted Answers: Air pressure test, Vacuum from test, Water test
   - Rs, the answer is incorrect.

8. What are the potential candidates to act as drainage layers?
   - Covered drain layers
   - Gravel layer
   - Clay layer
   - All of the above
   - None of the above
   - Accepted Answers: Covered drain layers, Gravel layer, Clay layer
   - Rs, the answer is incorrect.

9. The differences between hazard waste landfill (HWF) and municipal solid waste (MSW) landfills are
   - MSW landfills need two layers of composite clay while the HWF need three layers of clay soils
   - MSW landfills need single clay soil layer while HWF need two layers of clay soils
   - MSW landfills may be provided with geomembranes without HWF
   - All of the above
   - None of the above
   - Accepted Answers: MSW landfills need two layers of composite clay while the HWF need three layers of clay soils, MSW landfills need single clay soil layer while HWF need two layers of clay soils, MSW landfills may be provided with geomembranes without HWF
   - Rs, the answer is incorrect.