Assignment no. 9

The due date for submitting this assignment has passed. As per our records you have not submitted this assignment.

1) The method of dumping fresh waste over cover of an old waste is called as:  
   - Piggybacking  
   - Riser  
   - Doubling  
   - Riding

   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   Piggybacking

2) Which of the following option of landfill rehabilitation was adopted at Gorai landfill?  
   - Bioremediation  
   - Landfill Mining  
   - Capping  
   - All of above

   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   Capping

3) For the assessment of contamination level of a site, the concentration of contaminants should be first compared with:  
   - Background level  
   - Screening level  
   - Response level  
   - All of above

   No, the answer is incorrect.  
   Score: 0  
   Accepted Answers:  
   Background level

© 2014 NPTEL - Privacy & Terms - Honor Code - FAQs - In association with NASSCOM®

Funded by
4) Which of the following is a remedial measure but not a control measure for a contaminated site?

- Vertical barrier
- Capping
- Cover and vertical barrier both
- Removing the source and and treating soil and ground water

No, the answer is incorrect.
Score: 0
Accepted Answers:
Removing the source and and treating soil and ground water

5) Which of the following method of soil remediation is generally used to remove volatile organic compounds from unsaturated soil?

- Soil washing
- Pump and treat
- Phytoremediation
- Soil vapor extraction

No, the answer is incorrect.
Score: 0
Accepted Answers:
Soil vapor extraction

6) Air sparging is used for the removal of contaminants from:

- Saturated zone
- Vadose zone
- All of above

No, the answer is incorrect.
Score: 0
Accepted Answers:
Saturated zone

7) Which of the following condition plays an important for the successful execution of bioremediation?

- pH
- Temperature
- Moisture
- Presence of oxygen
- All of above

No, the answer is incorrect.
Score: 0
Accepted Answers:
All of above

8) Which of the following is not a transformation technique?

- Oxidation
9) Which of the following fraction of contaminated soil is most difficult to remediate?  

- Gravel
- Coarse sand
- Clay
- Fine sand

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Extraction

10) From the following options, choose the most suitable rehabilitation measure for a site which is having 5 years old abandoned MSW dump, medium in size, subsoil is clay, WT at 100 m depth, remote location on barren land and 25 km from community.  

- Regrade, provide cover of local soil, vegetation
- Remove waste to a new well designed landfill; remediate site by pump & treat
- Provide cover as per HW rules and cut-off walls 18 m deep

No, the answer is incorrect.  
Score: 0  
Accepted Answers:  
Regrade, provide cover of local soil, vegetation