Assignment no. 12

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

Due on 2018-10-24, 23:59 IST.

1) Which of the following environmental concerns are observed at and around the ash ponds?

- Dust emission
- Suspended solids
- Pore fluid infiltration into the subsoil
- All of above

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

2) Which of the following is not a design measure to control the quality of air near an ash pond?

- Sprinkling
- Ponding
- Vegetation
- Effluent treatment plant

No, the answer is incorrect.
Score: 0
Accepted Answers: Effluent treatment plant

3) Which of the following type of waste has the lowest cost of disposal?

- Coal ash slurry

No, the answer is incorrect.
Score: 0
4) Which of the following is observed as the critical issue before re-using aged waste in earthworks?

- High organic content
- High total dissolved solids
- Release of dark colored leachate
- All of above

No, the answer is incorrect.
Score: 0

Accepted Answers:
- All of above

5) Which of the following type of technology is best applicable to treat waste with high inert content?

- Physical treatment
- Biological treatment
- Thermal treatment
- All of above
- None of above

No, the answer is incorrect.
Score: 0

Accepted Answers:
- Physical treatment

6) Which of the following is an important drawback of using coal ash in geotechnical applications?

- Relatively low unit weight
- High shear strength
- Proneness to erosion
- None of above

No, the answer is incorrect.
Score: 0

Accepted Answers:
- Proneness to erosion

7) Which of the following chemical is found in abundance in blast furnace slag?

- Calcium oxide
- Aluminum oxide
- Iron oxides
- All of above

No, the answer is incorrect.
Score: 0

Accepted Answers:
- Calcium oxide

8) Aged MSW reclaimed from the landfills can be reused as:
9) Of the following learning objectives, which one was achieved near the end of the course?  

- Detection of subsurface contamination
- Monitoring of contaminated sites
- Rehabilitation of old dumps and reuse of waste

No, the answer is incorrect.
Score: 0

Accepted Answers:
Rehabilitation of old dumps and reuse of waste

10) Which of the following geotechnical property is found unusually high in fresh MSW in comparison to soil?  

- Specific gravity
- Compressibility
- Strength
- Unit weight

No, the answer is incorrect.
Score: 0

Accepted Answers:
Compressibility

11) Volume reduction and weight reduction in mass burning of MSW are____ and____ respectively.  

- 80-90% and 60-70%
- 10-20% and 30-40%
- 30-50% and 40-50%
- 30-40% and 10-20%

No, the answer is incorrect.
Score: 0

Accepted Answers:
80-90% and 60-70%