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Courses » Geoenvironmental Engineering (Environmental Geotechnology); Landfills, Slurry Ponds &

Contaminated Sites Announcements **Course** Ask a Question Progress Mentor FAQ

Unit 4 - Week 3

Course outline

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Week 2

Week 3

Lecture 7 : Principles of Landfilling

Lecture 8 : Planning of Landfills - Part 1

Lecture 9 : Planning of Landfills - Part 2

Quiz : Assignment no. 3

Assignment 3 solution

Week 4

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Assignment no. 3

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2018-09-05, 23:59 IST.**

1) A well designed landfill will perform satisfactorily for: **1 point**

- 10 to 20 years
- 50 to 100 years
- 200 to 500 years
- Greater than 1000 years

No, the answer is incorrect.
Score: 0

Accepted Answers:
50 to 100 years

2) The density of biodegradable waste varies between: **1 point**

- 2.5 to 3.5 t/cu.m.
- 0.6 to 1.2 t/cu.m.
- 0.1 to 0.3 t/cu.m.
- 5 to 6 t/cu.m.

No, the answer is incorrect.
Score: 0

Accepted Answers:
0.6 to 1.2 t/cu.m.

3) In landfills, liner is installed at: **1 point**

- Top of the landfill
- Base and sides of the landfill

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4) Which of the following function is not performed by the cover system?

1 point

- Collection of leachate
- Prevention of gas migration to the atmosphere
- Supporting surface vegetation
- Enhancement of surface drainage

No, the answer is incorrect.**Score: 0****Accepted Answers:***Collection of leachate*

5) Construction and Demolition waste landfills are classified as:

1 point

- Hazardous waste landfills
- Non-hazardous waste landfills
- Inert waste landfills
- Special landfills

No, the answer is incorrect.**Score: 0****Accepted Answers:***Inert waste landfills*

6) Landfills do not extend up to deep depths due to:

1 point

- Ground water table
- Proximity to bedrock
- Ground water table + Proximity of bedrock
- None of above

No, the answer is incorrect.**Score: 0****Accepted Answers:***Ground water table + Proximity of bedrock*

7) What should be the minimum distance between landfill and habitation?

1 point

- 100 m
- 500 m
- 10000 m
- 5000 m

No, the answer is incorrect.**Score: 0****Accepted Answers:***500 m*

8) In comparison to a below ground landfill, the capacity of a above ground landfill on the same landfill area is:

0 points

- more
- less
- same

No, the answer is incorrect.

Score: 0

Accepted Answers:

less

9) Which of the following is not a component of engineered landfill?

1 point

- Liner system
- Cover system
- Leachate collection system
- Electrostatic precipitator

No, the answer is incorrect.

Score: 0

Accepted Answers:

Electrostatic precipitator

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