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reviewer3@nptel.iitm.ac.in ▼

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

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

Unit 6 - Week 5

Course outline

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Week 1

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Week 5

Lecture 14 : Covers for Landfills - Part 1

Lecture 15 : Covers for Landfills - Part 2

Lecture 16 : Generation and Control of Leachate

Lecture 17 : Generation and Control of Landfill Gas

Quiz : Assignment no. 5

Assignment 5 solution

Assignment no. 5

The due date for submitting this assignment has passed.

As per our records you have not submitted this assignment. **Due on 2018-09-12, 23:59 IST.**

1) Which of the following test is performed to check the hazardous nature of waste? **1 point**

- TLCP
- TCLP
- TPLC
- PTLC

No, the answer is incorrect.
Score: 0

Accepted Answers:
TCLP

2) Which of the following gas is present in largest quantity during the life of MSW landfill? **1 point**

- Nitrogen
- Hydrogen sulphide
- Carbon monoxide
- Methane

No, the answer is incorrect.
Score: 0

Accepted Answers:
Methane

3) Which of the following component of landfill undergoes more settlement? **1 point**

- Cover
- Liner

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Week 9

Week 10

Week 11

Week 12

- Leachate collection layer
- Separator
- Gas collection system
- Barrier

No, the answer is incorrect.

Score: 0

Accepted Answers:

Gas collection system

5) The minimum thickness of barrier layer in cover system for HW landfill as per CPCB, 2000 **1 point** is:

- 5 cm
- 25 cm
- 60 cm
- 150 cm

No, the answer is incorrect.

Score: 0

Accepted Answers:

60 cm

6) Which of the following method is used to remove leachate from landfills? **1 point**

- Pumping in vertical well
- Pumping in side slope riser
- Gravity drains
- All of above

No, the answer is incorrect.

Score: 0

Accepted Answers:

All of above

7) Concentration of leachate constituents in a landfill: **1 point**

- Decreases with time
- Increases with time
- Decreases after reaching a peak value

No, the answer is incorrect.

Score: 0

Accepted Answers:

Decreases after reaching a peak value

8) Which of the following model is used to estimate leachate balance in a landfill? **1 point**

- LandGEM
- HELP
- CLEEN
- All of above

No, the answer is incorrect.

Score: 0

Accepted Answers:
HELP

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