

EEE - Assignment 6

Q-1 What are the gases produced by landfills primarily composed of?

A-1 (c) Methane & carbon dioxide

Q-2 Daily cover of solid waste landfill consists of -

A-2 (a) Compacted soil

Q-3 The term "Refuse" generally does not include

A-3 (d) Excreta

Q-4. Which method of solid waste management converts organic waste into gaseous, liquid and solid fraction in the absence of solid waste

A-4. (b) Pyrolysis.

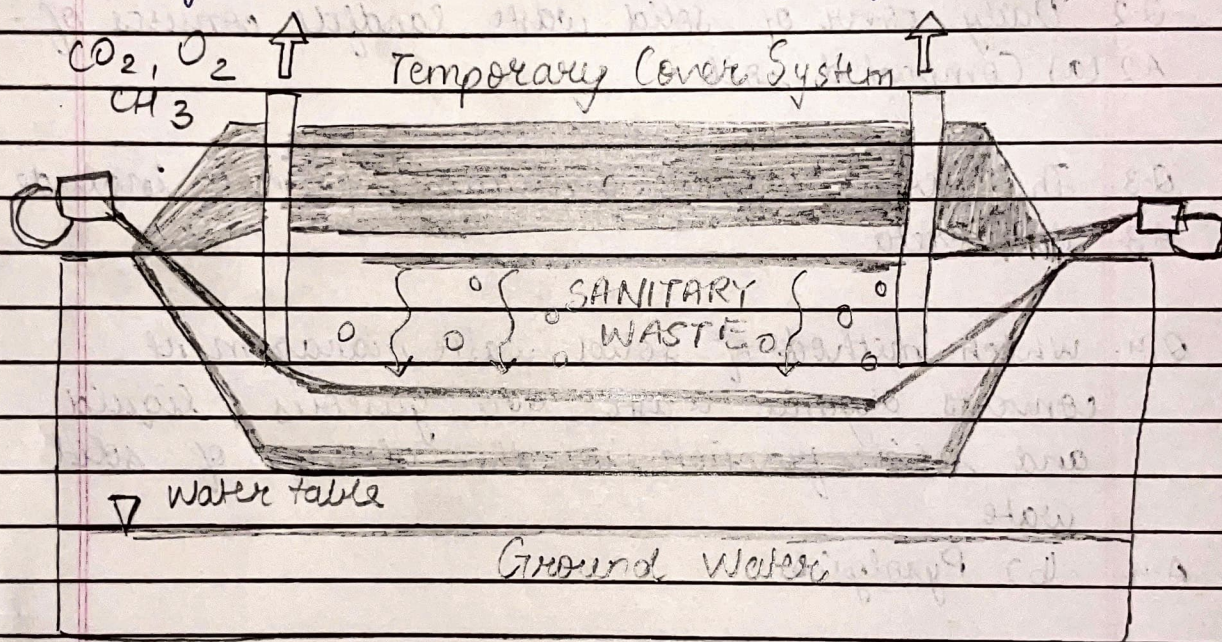
Q-5. Two biodegradable components of municipal ~~composition~~ solid waste are

A-5 (d) Food waste and garden trimming

Q-6 Explain the method of sanitary land-filling with diagram

- This is the most popular solid waste disposal method used today. Garbage is basically spread out in thin layers, compressed & covered with soil or plastic foam.
- Designed in such a way that the bottom of the landfill is covered with an impervious liner which is usually made of several layers of thick plastic & sand.

- This liner protects the ground water from being contaminated because of leaching or percolation. When the landfill is full, it is covered with layers of sand, clay, top soil & gravel to prevent seepage of water.



Q7 What are the impacts of leachate in landfilling?

A7 The impacts of leachate in landfills are-

- vegetation damage
- Unpleasant odours
- ground water pollution
- air pollution
- global warming