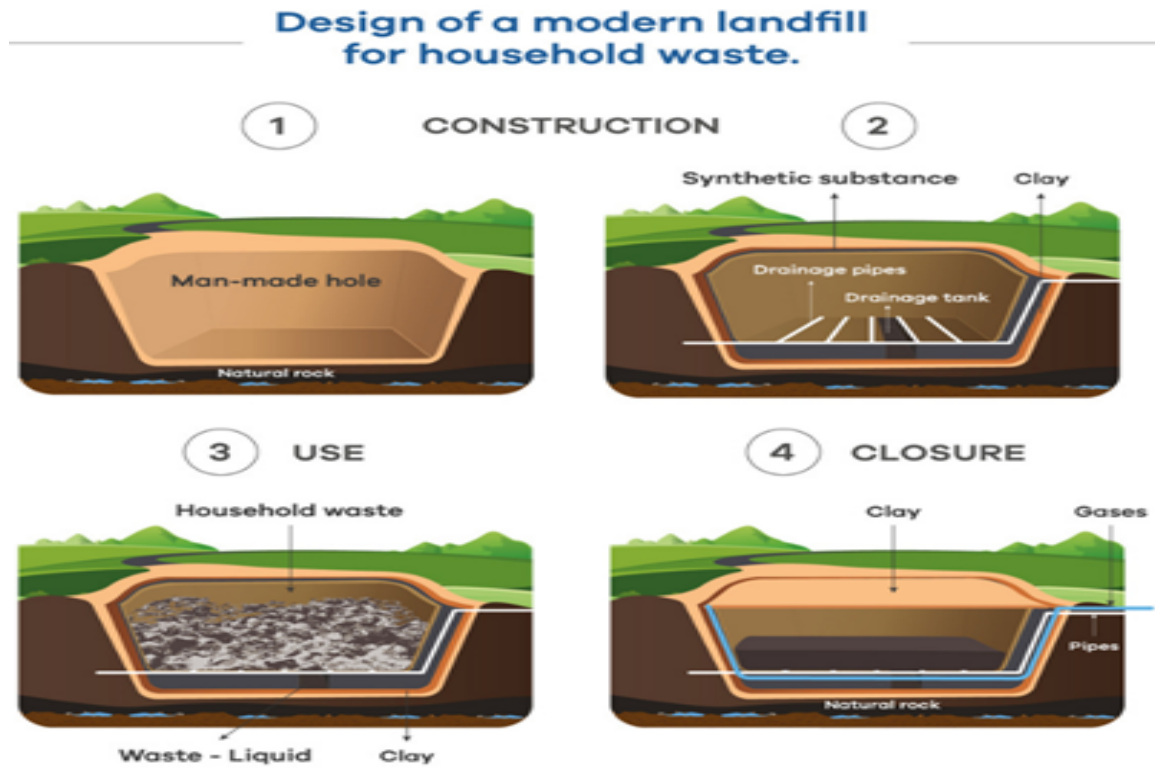


Task 1: Process Diagram

Subject: The diagram shows the design of a modern landfill for household waste. Summarize the information by selecting and reporting the main features, and make comparisons where relevant.



Model Answer #1

Response:

The diagrams illustrate the process involved in constructing a modern landfill designed for household waste management. Overall, the process encompasses three primary stages including construction, waste deposition, and waste management with several key components, including a pit, drainage pipes, and a tank.

In the initial construction stage, a large, deep rectangular pit is excavated

in natural rock. This pit is first lined with a thick layer of clay, followed by a synthetic liner to prevent leakage. At the bottom of the pit, a drainage tank is installed, while several drainage pipes are positioned on top of the liner. These components are crucial for the subsequent management of liquid waste. Once the landfill is prepared, it is filled with household waste. As waste accumulates, excess liquid drains through the pipes into the tank at the base, preventing contamination of the surrounding soil.

In the final stage, gas generated from the decomposing waste is collected via a gas vent, which is connected to the drainage pipes. This gas is then safely emitted and can be utilized domestically. In order to effectively contain the waste and minimize environmental impact, the landfill is sealed with another layer of clay. This comprehensive setup ensures efficient waste management by preventing leakage, managing waste liquids, and safely utilizing generated gases.

Evaluation:

Overall Band Score: 9

Task Response (9): The report provides a comprehensive summary of the diagram, accurately describing all key features and stages. The comparison element, while not explicitly stated, is implicitly present through the description of the changes between stages. The word count is well above the minimum requirement.

Coherence & Cohesion (9): The report is exceptionally well-structured and easy to follow. The logical progression of ideas, from construction to closure, is clear and effectively managed through paragraphing and cohesive devices. The language flows naturally and smoothly.

Lexical Resource (9): A wide range of sophisticated vocabulary is used accurately and appropriately. The report demonstrates a high level of precision in word choice, reflecting a strong command of English vocabulary.

Grammatical Range & Accuracy (9): The grammar is impeccable. A wide range of complex grammatical structures is used accurately and flexibly, contributing to the overall fluency and sophistication of the report.

Model Answer #2

Response:

The diagram illustrates the process of creating and managing a modern landfill for household waste, which involves three primary phases: construction, operation, and closure.

In the construction phase, a deep pit is excavated into the natural rock and then lined with clay and synthetic materials to prevent groundwater contamination. At the base, drainage pipes and a collection tank are installed to manage leachate, the liquid that seeps through the waste.

During the operational phase, household waste is added to the landfill, generating leachate. This liquid is captured by the drainage system and stored in the tank to avoid environmental pollution.

In the closure phase, the landfill is covered with a clay layer, and a vent pipe is installed to release gases produced from decomposing waste.

Overall, the modern landfill design incorporates several safety measures, including clay and synthetic linings, drainage systems for leachate, and gas vents to minimize environmental impact.

Evaluation:

Overall Band Score: 9

Task Response (9): The report accurately summarizes the main features of the landfill design and makes relevant comparisons between the stages.

Coherence & Cohesion (9): The report is well-organized and easy to follow. The information is presented logically and coherently, with clear transitions between paragraphs.

Lexical Resource (9): The report demonstrates a wide range of vocabulary, using precise and sophisticated language to describe the landfill design and processes.

Grammatical Range & Accuracy (9): The report is grammatically accurate and uses a variety of sentence structures effectively.

Model Answer #3

Response:

The given diagram illustrates the blueprint of a modern landfill designed for the disposal of household waste.

Overall, the process involves three main stages: construction, usage, and closure.

Initially, a large hole is dug above a natural rock foundation. Once the hole has been excavated, it is lined with a thick layer of clay, followed by a layer of synthetic material on top of the clay. Additionally, drainage pipes and a drainage tank are installed at the bottom to remove toxic liquids from the landfill.

During the usage stage, the landfill is filled with household waste. As the waste decomposes, liquid waste accumulates in the drainage tank, which is then pumped out through the drainage pipes, thereby minimizing the buildup of gasses.

Finally, once the landfill reaches its capacity, it is sealed with a clay lid. Over time, as the waste decomposes, gasses are generated and released through the installed pipes, ensuring safe gas emissions from the landfill.

Evaluation:

Overall Band Score: 9

Task Response (9): The report accurately describes all the key features of the diagram and provides a clear and concise overview of the landfill process.

Coherence & Cohesion (9): The report is well-organized and easy to follow. The information is presented logically and smoothly, with clear transitions between paragraphs and sentences.

Lexical Resource (9): The report demonstrates a wide range of vocabulary, using precise and sophisticated language to describe the landfill process. The language is natural and appropriate for the task.

Grammatical Range & Accuracy (9): The report is grammatically accurate and uses a variety of sentence structures effectively. The punctuation is correct and contributes to the clarity of the writing.