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b. Explain briefly the different stages of sludge digestion process in a "Digestor". With a neat

sketch, explain the constructional details of sludge digestion tank.

(08 Marks)



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## Module-4

a. Differentiate between Domestic sewage and Industrial waste.
b. Explain the methods used for Neutralization of Acidic and Alkaline waste.
(08 Marks)
(08 Marks)

## OR

8 a. Briefly explain the effects of Industrial wastewater on sewage treatment plants.

b. Explain different methods of Strength Reduction. (08 Marks)

## Module-5

9 a. With process flow diagram, explain the cotton textile mill wastes origin.
 b. Enumerate the effects of discharging paper and pulp industrial wastes into water bodies or sewers.

## OR

- 10 a. With process flow diagram, explain the origin of wastes from Cane Sugar mill. List its characteristics. (08 Marks)
  - b. With a flow diagram, explain the units used for treatment of Dairy waste on receiving stream.

    (08 Marks)