

NOTE: Explain using Sketches.

Q.1. Differentiate between (Any 2) (20 marks)

1. Underground sources of water & Surface sources of water
2. Separate sewers and Combined sewers
3. Conservancy method and Water carriage system

Q.2. Name one well known manufacturer of the following (20 Marks)

- A. Flush Tanks, B. Air conditioner, C. Ceramic Basins, D. Electric Switches.
E. Fluorescent tube lights, F. External Glass façade, G. Water Fixtures: Taps and Shower.
H. Bathroom Tiles, I. P.V.C Pipes, J. Water purifier

Q. 3. Write short Notes on: (Any 4) (20 marks)

1. Principal stages of Water Purification.
2. Any one method of supplying water to a sector.
3. Passive cooling and ventilation methods without use of electricity.
4. Types of sources of water for supply: Surface and underground sources of water supply.
5. Rainwater harvesting.

Q.5. Explain land-filling and list its advantages and disadvantages. (10 Marks)

Q.6. Explain the different methods of collecting Dry Refuse. (10Marks)

Q.7. Define the following: (Any5) (20 Marks)

1. Earthing.
2. 3-Phase Supply.
3. Sketch of water supply from the compound to the overhead tank .
4. Night Soil.
5. Sub Main Sewer.
6. Day Lighting and Day Lighting Factor.
7. Transformers

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