

RE VERA INSTITUTE OF TECHNOLOGY

CIVIL DEPARTMENT

Public Health Engineering

Brach: CE

YEAR: 2016-2017

Div: A

SEMESTER: V

Assignment No 1

(Introduction & Quantity of water)

1. Draw a general layout of water treatment plant & explain purpose of each component.
2. Explain Demand of water in detail
3. Write down factors affecting per capita demand and variation of water demand
4. Explain methods of forecasting of population.
5. Estimate population of year 2021 with following census report

Year	1961	1971	1981	1991	2001
Population	58000	63000	69000	71000	75000

- a) Arithmetic Increase method
- b) Geometric increase method
- c) Incremental increase method