**BIJU PATNAIK INSTITUTE OF TECHNOLOGY MOTTO, PURI**

**Z(GOVERNMENT POLYTECHNIC, PURI)**

CIVIL BRANCH, 4th SEMESTER

SUB-WATER SUPPLY AND WASTE WATER ENGG.

1.What is sedimentation?

2. What is coagulation?

3. Write down the various types of impurities in water?

4. What is filtration?

5. What is potable water?

6. What is flash mixture and explain its working process?

7.Describe the fill and draw type water sedimentation tank?

8. The population of 5 decades from 1930 to 1970 is given below in a table. Find out the population in 2000 using the arithmetical method?

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Year | 1930 | 1940 | 1950 | 1960 | 1970 |
| Population | 25000 | 28000 | 34000 | 42000 | 47000 |