## EEE - Assignment - 4

Page No.

2.1 which of the following sewmage systems carry domestic & endustrial waste water?

A.1 a) soll sanitary sewers

De Trikling petter is used in which of the followastewater treatment processes?

A.2. b) Secondary breatment

2.3. Which treatment method is used to when the

Q.4 which treatment method is used when the TS.3 1. 4. 6) High rate solid clarifier

A.S. c) sludge is the secondary tank post accation, sich in microbial mass.

Q. 67 Explain the working of goit chamber.

A.T. The grit chambers work as a sedimentation tank which is designed to separat the intended heavier inorganic materials & to pass forward the lighter organic materials.

. It is a long narrow or circular tank in the primary sewage treatment plant.

It reduces the velocity of flow of sewage to eliminate the grit materials such as sand, ash

HAHR THURAT

|         | and clinkers, egg shells, bone chips etc.                                                |                                            |
|---------|------------------------------------------------------------------------------------------|--------------------------------------------|
|         |                                                                                          |                                            |
| 0.6.    | Explain the any two differences between attached system.  Attached System System Systems |                                            |
| Q       | sustem & sumended                                                                        | sulem astronan wishon                      |
| A-6.    | Attached Justern                                                                         | Lasnerded System                           |
|         |                                                                                          |                                            |
| -1379   | Mixed Community of                                                                       | 1. Stir & superid microorganisa            |
|         | micro oreganisms.                                                                        | in waste water                             |
| 2.      | Both aerobic & anaerovid                                                                 | in waste water 2. Settled out as a scridge |
|         | bacteria may exist.                                                                      |                                            |
| 3.30    | Biological floc is                                                                       | 3. Which Recorporate no                    |
|         | formed. P Apid &                                                                         | 753 in the sample                          |
|         |                                                                                          | As. (a) Merkane                            |
|         | Attached Lystem                                                                          | Syspended System                           |
| 7.3.5   | thed is used when the                                                                    | By which treatment in                      |
|         | Grow microorganisms                                                                      | 1. Stir & suspended micro-                 |
|         | on substrates such as                                                                    | organisms in waste water.                  |
|         | rocks, sand or plastic.                                                                  |                                            |
| 2.      | Mastewater is speed                                                                      | 2. Settled out as sludge                   |
| 1       | over the substrate.                                                                      | E pumped back into the                     |
| -       | nass.                                                                                    | encoming waste water                       |
|         | Cx: Prickling filters,                                                                   | Ex: Activated Aludge,<br>Extende awation   |
|         | Kototeng beological contactor                                                            | Extende aviation                           |
| and     | 2 as a sedimentality                                                                     | AT 1 The guit chambers were                |
|         | reparat the enterior                                                                     | which is designed to                       |
| 200     | als a re pass form                                                                       | honvier inerganic materic                  |
| 9.      | the lighter organic materials.                                                           |                                            |
| (hr.    | . It is a long namer or concular tank in                                                 |                                            |
|         | primary surage trainent plant.                                                           |                                            |
| 16      | . It defines the weleasty of your of remade                                              |                                            |
| _ 4.0.V | - diprinos the guit materials such as range                                              |                                            |
|         |                                                                                          |                                            |