Assignment 3

Due on 2019-10-31, 23:59 IST.

Week 3

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1. What is the function of Anaerobic buffer tanks?
   - Macerates the contact between fresh waste water and activated sludge
   - Aerobic decomposition of sludge
   - Obtain the maximum contact of highly suspended solids
   - None of the above
   - 1 point

2. Macerate the contact between fresh waste water and activated sludge
   - True
   - False
   - 1 point

3. The process/membrane filtration of water in RO is:
   - High pressure membrane filtration
   - Reverse osmosis filtration
   - None of the above
   - 1 point

4. The following statement is True or False.
   - Suburbs need mixed debris and substances need to be cleaned to reduce pollution in main canals.
     - True
     - False
     - 1 point

5. Systems placed from 200 to 210 meter inside the canal can only help the canal stimulate
   - Proper flow of water in the canal
   - Collecting the necessary solid waste and disposing it properly
   - None of the above
   - 1 point

6. The standard Biochemical Oxygen Demand (BOD) of effluent discharge is set to 30 mg/l but because
   - The water bodies have the capacity to clean
   - The cost in treatment decreases as the BOD is folioulous
   - The cost in treatment increases as we pollute the water bodies
   - None of the above
   - 1 point

7. The following statement is True or False.
   - High concentrations of Biochemical Oxygen Demand (BOD) in low volume of water is more difficult to treat than the diluted BOD in high volume of water
     - True
     - False
     - 1 point

8. The following statement is True or False.
   - The river bodies have both supplied and demand
     - True
     - False
     - 1 point

9. The river bodies have the capacity to
   - Collects solids
   - Scavenge solids
   - None of the above
   - 1 point

10. The activities of sludge treatment is based on
    - Suspended growth of bacteria
    - Attached growth of bacteria
    - None of the above
    - 1 point