



St. Michael Polytechnic College



St. Santhiyagappar Nagar
Kalayarkoil-630 551.

DEPT: CIVIL ENGG

YEAR/SEMESTER: III / V

SUB.NAME: ENVIRONMENTAL ENGG. & POLLUTION CONTROL

Each question carries 1(one) mark in PART-A and 12(twelve) marks in PART-B

UNIT-1

PART-A

1. What do you understand by the term portable water?
2. Define contaminated water.
3. What are the types of impurities?
4. What is the physical test on water?
5. What is the chemical test on water?
6. What is the bacteriological test on water?
7. Name the instruments used to measure the turbidity of water.
8. What is the unit of turbidity of water?
9. Define total solids.
10. How hardness is expressed?
11. What is the permissible value of hardness for good water?
12. Specify the WHO standards for total solids in water
13. What are the test to determine bacteriological test
14. Name the few water borne diseases

PART-B

1. Explain the detail method of conveyance of water
2. What are the impurities present in water? How do they get into water?
3. What are the common impurities found in the natural sources of water
4. Explain the bacteriological test for the presence of Ecoli form group of bacteria
5. Mention any five important BIS standards of water
6. Write any five WHO standards of drinking water.