



**DEPARTMENT OF CIVIL ENGINEERING**  
**S.V. NATIONAL INSTITUTE OF TECHNOLOGY, SURAT**

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[ Energy and Environmental engineering]

**Assignment -02 (Water quality parameter)**

**Total marks- 10**

Q1. Which type of water contains E-coli (1)

- a) Pure water
- b) Potable water
- c) Wholesome water
- d) Contaminated Water

Q2. Acidity in natural surface water bodies is mainly due to (1)

- a) Oxygen
- b) BOD
- c) Carbon dioxide
- d) Sulphuric acid

Q3. Electrical conductivity cannot be determined for (1)

- a) Milk
- b) Sugar solution
- c) NaCl
- d) ORS

Q4. Which source of water is free from hardness and surface impurities? (1)

- a) Surface water
- b) Underground water
- c) Rain water
- d) Sea water

Q5. Itai-itai disease is caused by consumption of which metal (1)

- a) Cadmium
- b) Zinc
- c) Chromium
- d) Mercury

Q6. How suspended Solids are mostly responsible for turbidity. (2.5)

Q7. What are the problems caused by alkaline water? (2.5)