



THE ANSWERS MUST BE ATTEMPTED ON THE ANSWER SHEET PROVIDED

Q.1. Answer the following short questions. (10x3=30)

- 1) Differentiate between Natural and Accelerated Eutrophication
- 2) Give three approaches of Water Pollution Control
- 3) Give the Two methods of Bioremediation of Polluted Water
- 4) Briefly explain some toxic effect of Pesticides
- 5) Enlist the Organisms living in Fresh Water.
- 6) Define Thermal Pollution of water and give its two impacts on aquatic organisms
- 7) What are the sources of Water Pollutants?
- 8) What are persistent Organic Pollutants? How do they affect reproductive system?
- 9) How Heavy Metals adversely affect the Aquatic Ecosystem
- 10) Define BOD, COD and DO

Answer the following questions. (3x10=30)

Q 2. a) Briefly discuss Thermal Pollution, its effects and control.

b) Briefly discuss the sources of Oil Pollution, its effects and control.

Q 3. a) What is eutrophication and how does it develop? Discuss the effects and control of eutrophication.

b) How can sludge be utilized as beneficial use?

Q 4. Write a detail note on the followings;

- a) Chemical treatment of Waste water
- b) Toxicity of Mercury