

Register No.:

613

April 2024

Time – Three hours
(Maximum Marks: 100)

- [N.B. 1. Answer all questions under Part-A. Each question carries 3 marks.
2. Answer all the questions either (A) or (B) in Part-B. Each question carries 14 marks.]

PART – A

1. What are the various methods of forecasting population?
2. Write down the W.H.O. standards for any three impurities in drinking water.
3. Differentiate between plain sedimentation and sedimentation with coagulation.
4. Name the different layouts of distribution system.
5. Write down the structure of an ecosystem.
6. Define biodiversity.
7. Write any three sources of water pollution.
8. What is ozone layer depletion?
9. Write short notes on cyclone.
10. Write short notes on storm water drain.

[Turn over.....

PART – B

11. (a) Explain about Infiltration gallery and shallow wells.
(Or)
(b) Explain the causes and effects of different types of impurities in water.
12. (a) Explain about Rapid sand filter with neat sketch.
(Or)
(b) Explain about different types of service reservoir with neat sketches.
13. (a) Describe the structure and functions of forest ecosystem.
(Or)
(b) Explain about conservation of biodiversity.
14. (a) Explain sources, effects and control measures of Noise Pollution.
(Or)
(b) Explain sources, effects and control measures of Air Pollution.
15. (a) Explain the causes, effects and management of Tsunami.
(Or)
(b) Explain about sewage disposal in apartments with neat sketch..
