



12. (a) Formulate the conditions and factors influencing the equalization and neutralization process.

Or

- (b) Analyse the wastewater characteristics and treatment methods for treating and wool processing effluents.

13. (a) Explain the secondary sedimentation process and trickling filtration techniques.

Or

- (b) Demonstrate the use of aerated lagoons in wastewater treatment.

14. (a) Elaborate the different membrane technologies available for treating effluents.

Or

- (b) Sketch the layout of advanced effluent treatment plant used for wet processing.

15. (a) Analyse the ambient air quality standards used in textile processing mills.

Or

- (b) Examine the effect of noise pollution on human health and various control measures.

PART C — (1 × 15 = 15 marks)

16. (a) Critically evaluate the ion exchange and activated carbon tertiary treatment used for treating effluents.

Or

- (b) Analyse the factors influencing the air pollution control equipment and control of air pollutants generated in wet processing industry.