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Roll No

CM-703(A)-CBGS

B.Tech., VII Semester

Examination, December 2020

Choice Based Grading System (CBGS)

Environmental Engineering

Time : Three Hours

Maximum Marks : 70

Note: i) Attempt any five questions.

ii) All questions carry equal marks.

1. a) Where EIA is required, what information has to be included in the Environmental Statement?
b) Why is sustainable development so often associated with protecting the environment?
2. a) Explain various effects of air pollutants on vegetables and human being in brief.
b) Explain the role of Government in environmental protection in brief.
3. a) What is meant by Inversion? What are the factors that influence formation of inversion?
b) With neat diagram explain the functioning of multi tray settling chambers.
4. a) Discuss about the dissolved-oxygen sag and what conclusions can be seen from oxygen sag curve.
b) Describe the rotating biological contactor process and discuss how it works.

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5. a) Provide a qualitative overview of the design of anaerobic biological wastewater treatment processes.
b) What are the rules and regulations guiding wastewater management in India?
6. a) How do you measure the noise pollution? Write the effect of noise pollution on human beings.
b) Describe the ways to control the noise pollution.
7. a) Write a detailed note on solid waste management. What is importance of source segregation?
b) Write a brief note on MSW Generation, Recycling, Treatment, Storage and Disposal.
8. a) Enumerate the characteristics and treatment technology of wastewater coming from Sugar and alcohol Industries.
b) By means of neat sketch, explain about Landfill process of Hazardous Waste from tannery.
