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H – 2834

Reg. No.
Name :

Eighth Semester B.Tech. Degree Examination, November 2019

13.806.6 – INDUSTRIAL WASTE WATER MANAGEMENT (C)

(2013 Scheme)

Elective IV

Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions :

1. Discuss on the 3 R's which should be implemented in an industry for pollution control.
2. What are the effects of heated water and coloured water on stream?
3. What are the factors affecting self purification of streams?
4. What do you mean by proportioning and how it is achieved in Industrial wastewater treatment?
5. What are the different methods of pulping?

(5 × 4 = 20 Marks)

PART – B

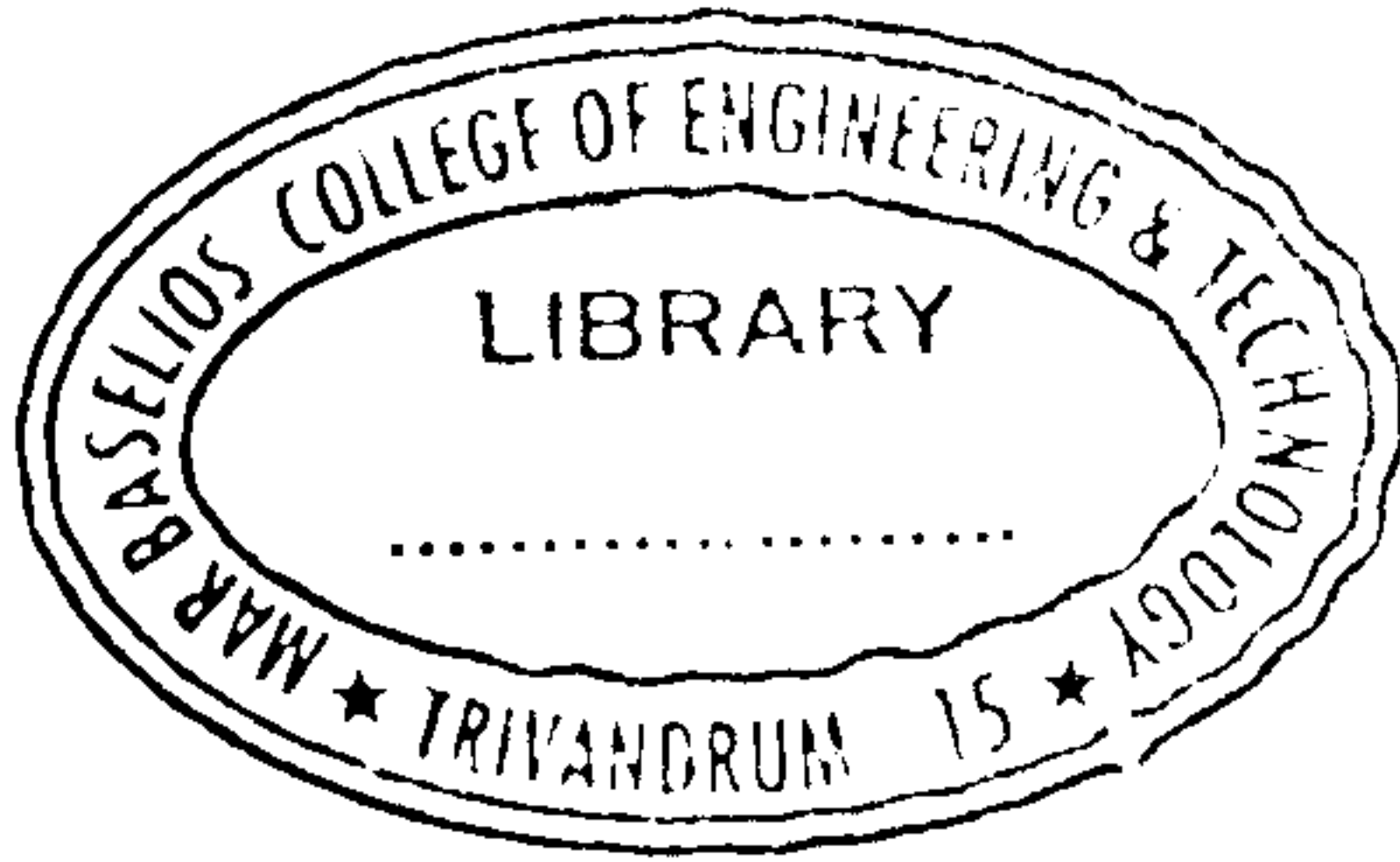
Answer **any one** full question, from each module.

Module – I

6. What are the factors to be considered for getting optimum solution to joint treatment problems? **20**
7. Explain the strength reduction techniques for an industrial plant. **20**

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Module – II

8. What is the significance of oxygen sag curve? Explain the zones of degradation in a stream. 20
9. Describe how stream can be protected from pollution? 20

Module – III

10. What do you mean by equalization? Explain the various methods of equalization. 20
11. Describe the different methods for the removal of organic and inorganic dissolved solids. 20

Module – IV

12. With a flow chart explain the process in a tannery and discuss the treatment methods to be adopted. 20
13. What are the various processes in a food processing industry. Discuss the characteristics of the waste water and treatment to be adopted. 20

