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G H Raison College of Engineering and Management, Pune.

(An Autonomous Institution)

F.Y B. Tech (Engineering)

Second Term, 2020-21

CAE-I(2020 Pattern)

Subject: Environmental Chemistry

[Time:-- 1 Hours]

[Max. Marks-15]

COURSE OUTCOME:

1. Explain various methods of water treatment for domestic and industrial use
2. Differentiate various categories of waste and its disposal techniques
3. Identify various batteries and recognize its commercial applications
4. Classify the different types of Energy and its future scope
5. Apply the knowledge of environmental pollution and degradation to solve related problems

Instructions to the candidates:

- 1) (CO1/CO2/CO....)at the beginning of question/sub question indicates the course outcome related to the question.
- 2) All questions compulsory.
- 3) Neat diagrams must be drawn wherever necessary.
- 4) Figures to the right indicate full marks.
- 5) Assume suitable data, if necessary.
- 6) Other Instructions, if any.

CO	Sub Question		BL
CO1	a)	On the basis of your understanding explain causes of Boiler Corrosion.	[3] 2
		OR	
	b)	Apply your knowledge to explain disadvantages of Scale formation in boiler.	[3] 3
CO1	a)	Apply your knowledge to differentiate between Cold Lime Soda Process and Hot Lime Soda Process	[3] 3
CO1	b	Explain Zeolite Process for Water Softening.	[4] 2
CO2	a)	On the basis of your understanding explain Biomedical Waste Management.	[5] 2