Q.P. Code: 21642

			[Time: Three Hours]	arks:80]
		N.B:	<ol> <li>Question.No.1 is compulsory.</li> <li>Answer any three questions out of remaining five questions.</li> <li>Assume suitable data wherever required</li> <li>Figures to the right indicate full marks.</li> </ol>	
Q. 1	b) c)	Is it necessar	uent standards & stream standard. ry to treat industrial waste? Justify the answer. ant control measures to reduce the strength of Industrial waste. on EIA.	(20)
Q. 2		What is oxyg	gen sag curve? With a neat figure explain the significance of it.	(05)
	b)	flowing at a soft of sewage at will occur in	arges 100 cumecs of sewage in to a river, which is fully saturated with oxygen and rate of 1500 cumes during its lean days with a velocity of 0.1m/sec. The 5 day BC a given temperature is 250 mg/lit. Find out when & where the critical DO deficit the downstream portion of the river & what is its amount. Assume coefficient of of stream (f) as 4 & coefficient of deoxygenation (K <sub>D</sub> ) as 0.1. [Assume other data	OD
	c)	What is equa	alization? Discuss the methods of equalization.	(05)
Q. 3	a)	material in th	a neat flow sheet manufacturing process of cotton cloth using cotton as raw he textile industry.  lization is required for the Industrial waste? Explain the various methods of n.	(10) (10)
Q. 4	a)	Explain the t discuss the in	treatment given to the electroplating industry effluent with a neat flow sheet. Also mportance of segregation in this industry effluent. ronmental audit? What are the objectives of environmental audit?	(10) (05)
			SB? Explain in brief.	(05)
Q. 5	1) 2) 3) 4)	Treatment of CETP Sludge dryin Good house		(20)
Q. 6	a)	7 . Y' \7 . A7	characteristics of dairy industry waste water. What treatment you suggest if the date be disposed to face water	iry (10)
	<b>b</b> )	Explain the r	manufacturing process of leather in the tannery industry with neat flow sheet.  *********	(10)