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	Nau	me:	
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EIGHTH SEMESTER B.7	TECH DEGREE EXAMIN	ATION, DECEMB	ER 2011
CE 04 803	3 - ENVIRONMENTAL ENGI (2004 ADMISSION)	NEERING II	
ime: 3 Hours		Maximum:	100 Marks
81 S2 J2	(Answer all questions)		TO THE RESERVE THE TAXABLE PROPERTY.
	Assume any data suitabl	y	
	PART - A	e de	
 Differentiate between s Write a short note on d List out the various des Explain briefly about s Write a short note on r 	sign considerations of Trick ludge digestion.	ling filters.	
8. List out the types and	sources of solid waste.	w	$(8 \times 5 = 40)$
	PART - B	And with the	0 1 15
the circular sewer. Take and assume that only to the circular sewer. Take and assume that only to the take (a) Skimming tanks	Ise drainage wers. (OR) It and a rectangular sewer en the depth of the rectangular set the width of rectangular hree sides of the rectangular following:	ular sewer and the sewer as 1.5 times	diameter of s the depth
(b) Activated Sludge	Process		
(c) Grit chambers		10	#
120 N. W. W.	(OR)		5.61
d. List out and exp characteristics of sewag	plain the various Physic ge.	al, Chemical and	biological
11. Write short notes on the (a) Sludge elutriatio (b) Sludge condition (c) Surface and sub-	n uing		all ^a a b a c a c a c a c a c a c a c a c a c
d. Sketch and explain the	he phenomenon of assimila	tion capacity of stre	ams.
2. Write short notes on the table (a) Composting (b) Incineration (c) Sanitary landfill	following:		* *

d. List out the BIG SIX criteria air pollutants and explain their sources and effects. $(4 \times 15 = 60)$