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			46
		Reg. No.:	
		Question Paper Code: 90603	
		B.E./B.Tech. DEGREE EXAMINATIONS, NOVEMBER/DECEMBER	2022.
		Fifth/Seventh Semester	
		Environmental Engineering	
		EN 8591 – MUNICIPAL SOLID WASTE MANAGEMENT	
		(Common to: Civil Engineering)	
		(Regulations 2017)	
	Time	e : Three hours Maximum : 1	00 marks
		Answer ALL questions.	oo marks
		PART A — $(10 \times 2 = 20 \text{ marks})$	
V	1. 2. 3.	List out any two factors affecting solid waste generation. Enumerate the physical characteristics of municipal solid wastes. Distinguish between reuse and recycle in context of municipal solid w	om aste.
	4.	Name any two diseases transmitted by improper storage of MSW.	
	5.	Enumerate the types of vehicles used for collection of MSW.	
	6.	What role does transfer station play in MSW management?	
	7.	What is the significance of C/N ratio in composting process?	
	8. 9.	Give the products of pyrolysis process. List out any two factors which are to be considered while selecting suit for sanitary landfill.	table site
	10.	What are the issues pertaining to dumpsite rehabilitation.	
		PART B — $(5 \times 13 = 65 \text{ marks})$	
	11.	(a) Briefly explain the sources of municipal solid wastes. Comp contrast the characteristics of solid wastes in Indian cities with developed countries.	pare and that of
		Or	
		(b) Discuss the salient features of Indian legislation pertaining to m solid waste management.	unicipal

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