No. of Printed Pages: 2

BICEE-001

B.Tech. IN CIVIL ENGINEERING (BTCLEVI)

Term-End Examination

00385

December, 2014

BICEE-001 : SOLID AND HAZARDOUS WASTE MANAGEMENT

Tin	ıe : 3 h	ours Maximum Marks :	Maximum Marks : 70	
Note: Answer any seven questions. All questions car equal marks.				
1.	-	ain the sources of solid wastes. Discuss the s of non-hazardous solid waste.	10	
2.	(a)	Illustrate the factors affecting the generation rates of solid waste.	5	
	(b)	Describe the ordinary physical composition of municipal solid waste (percent by weight).	5	
3.		cuss the on-site handling methods of solid te in detail.	10	
4.	colle	at are the modes of operation in solid waste ection? Explain. Describe the different unit rations in solid waste collection.	10	

5.	are	ntify the obstacles to resource recovery. What the techniques involved in resource very? Explain in detail.	10		
6.		Discuss the solid waste disposal methods in brief with relative advantages and disadvantages.			
7.		uss the four important characteristics of ardous waste in detail.	10		
8.	(a)	List the treatment methods of hazardous waste.	5		
	(b)	Identify the sources of hazardous waste.	5		
9.	Discuss the areas of application of any four important industrial wastes in detail.		10		
10.	Write short notes on the following:		=10		
	(a)	Leachate collection and treatment			
	(h)	Closure of landfills			