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	Common costs and	U.S.N							
T	(An Auto Six Ser	ege of Engineering nomous Institution affiliat th Semester, B.E Civi nester End Examination Municipal and Rural Sa	ed to VI l Engir n; June	<i>TU, B</i> neerin e - 201	elga 1g 16				00
No	ote: i) Answer FIVE full qua ii) Missing data if any, m	estions, selecting ONE full qu 1ay suitably assumed.	lestion fi	om ea	ch u	ınit.			
0	Define the terms :	UNIT - I							
a.	i) Epidemiology	ii) Epidemic							
	iii) Endermic	iv) Pandemic							
	v) Exotic	vi) Sporadic			vii)	Surve	eilland	ce	
b.		s of transmission of communi	cable di	seases.	,	~ 01 10			
2 a.	-	trolling communicable diseas							
	*	smitted by house fly and a		o. Also	o m	entior	thei	r co	ontrol
		UNIT - II							
a.	In a tabular form, indicate	he drinking water quality star	ndards a	s per B	BIS ((IS – 1	0500-	-200	3).
b.	What is the necessity for a protective water supply scheme? What are the governing factors to								
	be kept in mind for selecting a water source?								
a.	Under what circumstances, pumping of water is practiced? Give the classification of pumps.								
	What are the factors on wh	ich their selection depends?							
b.	Explain the working of hyd	Iraulic ram with merits and de	emerits.						
		UNIT - III							
a.	With a neat sketch, explain rural community.	n the septic tank and a soak p	it used f	or the	disp	posal o	of sev	vage	in a
b.	Define the term "Rain war rainwater is harvested from	ater harvesting". With the a roof top.	id of a	neat s	sketa	ch, ex	plain	hov	w the
a.	With neat sketches, explain	the following methods of nig	ght soil c	lisposa	al :				
	i) Aqua privy ii) T	wo - pit latrine.							
b.	Enumerate the different me	thods of recharging ground w	vater. Ex	plain a	any (two.			
		UNIT - IV							
′a.	Explain the types of collec mode of operation.	tion and transportation syster	ns adopt	ed for	refe	ers dis	posal	bas	ed on

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b.	b. List the advantages and disadvantages of land filling in a tabular form.								
c.	Define the terms :								
	i) Refuse	ii) Garbage		5					
	iii) Rubbish	iv) Compositing.							
8 a.	Explain the different composting methods required for removal sanitation.								
b.	b. Explain Indore and Bangalore method of composting.								
UNIT - V									
9 a.	List out the different methods adopted for pasteurization. With a neat sketch, explain HTST								
	type of pasteurization.								
b.	Explain the essentials of milk sanitation.								
10 a.	What is meant by 'Food poisoning'? What are the causes of food poisoning? Discuss the								
	preventive and control measures.								
b.	What are the essential requ	irements of a good swimming pool?		10					

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