Roll No	*****	Total Pages: 02	
	BT-7/D-19	37230	
IRRIGAT	ION ENGINEER	ING-II	
	CE-403N		
Time : Three Hours]	[Ma	ximum Marks: 75	
Note : Attempt Five	questions in all, sele	ecting at least one	
question from	n each Unit. Assume a	ny missing data.	
	Unid HOL		
	Office .		
1. (a) What is me		nd where are they.	
located ?		5	
	iefly various types o lso discuss the suitable		
Sketches. A	iso discuss the suitable	10	
	9		
	tres Sarda type fall for	_	
discharge of 12 cumecs, with the following data: 15			
Bed level v/s - 103 m			
Side slope of channel - 1:1 m			
Bed level d/s - 101.5 m			
Full supply level	v/s - 104.5 m		
Bed width v/s at	nd d/s - 1.0 m		
Soil - Good loan	n		
Assume Bligh's o	coefficient - 6		
(2-50/5) L-37230		P.T.O.	

Init II

		Unit II	
3.	(a) (b)	Explain Canal Escapes and also discuss its t What is Canal Outlet? Also discuss the require of a Good module.	-
4. Writ		te short notes on the following:	. 1
	(a)	Aqueduct	,
	(b)	Level crossing	
	(c)	Syphon aqueduct.	
	Drav	w neat sketch for each.	
		Unit III	
5.	(a)	Define Dam. Explain various types of Dam sketch.	s with
	(b)	Discuss factors governing the selection of partype of dam.	ticula
6.	(a)	Differentiate Homogeneous Embakment typ Diaphrem type Earthen Dam.	e and
	(b)	Discuss the design criteria for earth dams.	9
		Unit IV	
7.	(a)	What is spill way gate? Discuss use of sp gate and list its types.	illway
	(b)	Write a short note on energy dissipators.	5
8.	_	lain with sketch 'Chute Spillway' and discuss its siderations.	desigr
L-3	7230	2 .	1.200