	210	210	210	210	210	210	210						
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Tota	a⊵Nı	umber of Pages: 02	210	210	210	210 <b>P</b> (	B.Tech <sup>210</sup>						
	210	WATER 210	RESOURCES BRA Tir Max 210 Q.0	gular Examination (S SYSTEM AND (S SYSTEM AND (S S S S S S S S S S S S S S S S S S S	MANAGEMEN' 210	<b>T</b>	210						
An	swe	r Question No.1 (Par		compulsory, any om Part-III.	y EIGHT from	Part-II and an	y TWO						
		The figu		ht hand margin i	ndicate marks	<b>5</b> .							
				Part- I									
Q1	۵,	Short Answer Type Q	•				(2 x 10)						
	a) b) c)	What is cost-benefit an Briefly describe about s Define optimal solution	system <sub>2</sub> analysis	technique.	210	210	210						
	d) e)	What is scrap value? What is sinking fund fac	ctor?										
	f) g)	What is salvage cost?  Define the term depreciation.											
	h)	What do you mean by	environmental i	mpact assessmen	t?								
	i) <u>j</u> ) <sub>0</sub>	Explain cash flow diagr Define Bellman's princi		<b>/.</b> 210	210	210	210						
Q2	a) b)	Focused-Short Answer What are the objectives Define system and give	of water resou	irces planning and		welve)	(6 x 8)						
	c)	What do you mean by i	ntegrated wate	r resources manag	gement? Explain								
	<b>d)</b> <sub>0</sub>	Explain the emerging model.	210	210	210	210	210						
	e)	Explain about the acquimodelling.	·			voir operation							
	f)	Differentiate between li	. •										
	g)	Explain the concept of	•			•							
	h)	Explain simulation and	•	•	•		210						
	ai)0 j)	Write a note on reservo	•				210						
	رر k)	Describe the processes			•	id reservoirs:							
	l)	Write a note on Time va		nai impaot accessi									

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	210	210	210	210	210	210	
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otal	Number of Pages:	210	210	210		210 Sub Code:	
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<b>Q</b> 1		Type Questions (An	swer All)	TuitA			(02x10
	a) b)						
	(c) (d)						
	e)						
	f) 0 g)	210	210	210	210	210	
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Q2	Focused-Short An	swar Tyna Quastion	s- (Answer Any Sev	Part- B			(05x07)
**	a)	swer Type Question	3- (Allower Ally Geve	,,			(00,01)
	<b>b)</b> O	210	210	210	210	210	
	c)						
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	<b>g)</b> <sub>0</sub>	210	210	210	210	210	
	h)			-	-		
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			Long Answer Typ	e Questions (Answer	Any Two)		
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		210	Bi Tin Ma: Q.CODE:??	RANCH:??? ne: 3 Hours x Marks: 70 ? / Exa	m Date	2.10	wa n4				
		ver Question N	BF Tin Ma: Q.CODE:??' o.1 which is	RANCH:??? ne: 3 Hours x Marks: 70 ? / Exa compulsory	m Date and any five	from the	rest.				
<i>A</i>		ver Question N	BF Tin Ma: Q.CODE:??' o.1 which is	RANCH:??? ne: 3 Hours x Marks: 70 ? / Exa	m Date and any five	from the	rest.				
<i>A</i>	Answ	ver Question N The figure	BF Tin Max Q.CODE:??' o.1 which is es in the righ	RANCH:??? ne: 3 Hours x Marks: 70 ? / Exa compulsory t hand margi	m Date and any five	from the arks.	rest.				
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Q2 a) b) Q3 a) b) Q4 a) c) Q5 a) b) Q6 a)	210	210	210	210	210 (	5) 5) 5) 5)
Q3 a)  Q4 a)  Q5 a)  b)	210				210 (	5) 5) 5)
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Q4 a)	210				(	5)
Q4 a)	210	210	210	240	(	5)
(b) 210 Q5 a) (b)	210	210	210	240		
Q5 a)	210	210	210	210		
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					(	5)
Q6 a)					(	5)
					(	5)
b)					(	5)
210 <b>Q7</b>	210	210	210	210	210	10)
Q8	Write short ans	wer on any TW	<b>O</b> :		(5	x 2)
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c)						
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