Total No. of Questions : 8]	SEAT No. :
PD4553	[Total No. of Pages : 2
	[6404]-57
	B.E. (Civil)
	RRESOURCES PLANNINGAND ANAGEMENT
(2019 Pattern) (Semes	ter - VII) (Elective - III) (401003 C)

(2019 Pattern) (Semester - VII) (Elective - III) (401003 C)		
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Time : 21	2 Hours]	[Max. Marks : 70
Instructi	ons to the candidates:	7
1)	Answers Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8.	
2)	Near diagrams must be drawn wherever necessary.	
<i>3</i> )	Figures to the right indicate full marks.	
4)	Assume suitable data, if necessary.	
0.71		
<b>Q1</b> ) a)	Justify imporatance assessment of river water quality a	
	note on prevention and control of surface water pollution	n. [10]
b)	Explain polluters pay principle.	[8]
	OR	
<b>Q2</b> ) a)	What is Environmental Impact Assessment (EIA) ar	nd what are its
2-) 4)	objectives, state methodology to carryout EIA.	[10]
b)	State any four CPCR regulations regarding water pollution	on control. [8]
<b>Q3</b> ) a)	State and explain principles of planning and financing	water of water
(23) a)		[10]
	resources projects.	.5/
b)	Explain water pricing.	· (7)
	OR	\mathcal{O}_{\text{.}}
		5
<b>Q4</b> ) a)	Explain framework for planning a sustainable water futur	e. [10]
b)	Explain in brief economics and decision making in IWR	PM. [ <b>7</b> ]
	, G, %,	
05) a)	What are water crises, explain its global and national per	spective . [10]
(b)	State and explain rural local governing body water laws.	[8]
J	State and explain fural local governing body water laws.	[0]

OR

<b>Q6</b> ) a)	courses.	ai water [10]
b)	State any four municipal corporation laws regarding water supdrainage.	oply and [8]
<b>Q7</b> ) a)	Explain in detail role of dam in flood control and power genera	tion and
Q7) a)	its importance in IWRPM.	[10]
b)	Explain importance of management of flood plain.	[7]
	OR OR	
<b>Q8</b> ) a)	Explain in detail Use of QGIS in IWRPM.	[10]
b)	Explain application of soft computing in flood control.	[7]
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[6404]-5	2	