e) Write short notes on applications of RS & GIS drainage morphometry. f) Write short notes on applications of RS & GIS in flood inundation

	-/		r.1
$\underline{\mathbf{PART}} - \underline{\mathbf{B}} (3x16 = 48 \text{ Marks})$			
2.	a) b)	Explain briefly about the process of Remote Sensing with a neat supporting diagram.	[8]
	0)	(i) Band interleaved by pixel	
		(ii) Band interleaved by line	[8]
3.	a)	Explain the term 'visual image interpretation'. Discuss the various image	501
	b)	Interpretation elements. Explain the following Image Enhancement Techniques	[8]
	,	(i) Image reduction & magnification	501
		(11) Contrast enhancement	[8]
4.		Explain in detail about the map projections in GIS.	[16]
5	0)	Describe vestor overlay and rester overlay with examples	[0]
5.	a) b)	What is raster overlay? Explain with suitable examples.	[8]
6	a)	Explain the use of RS GIS techniques in Forestry applications	[8]
0.	a) b)	Discuss the geomorphological applications of GIS.	[8]
7		Discuss the methodology with flowchart RS and GIS application to ground water	
<i>,.</i>		prospects studies.	[16]

IV B.Tech I Semester Supplementary Examinations, February/March - 2018 **REMOTE SENSING AND GIS APPLICATIONS**

R13

(Civil Engineering)

Question paper consists of Part-A and Part-B Answer ALL sub questions from Part-A Answer any THREE questions from Part-B ****

PART-A (22 Marks)

Time: 3 hours

Max. Marks: 70

[3]

[4]

[4]

[3]

[4]

[4]

Code No: **RT41015**

1. a) What do you understand by remote sensing?

b) What are image processing techniques?

d) What is data compression?

c) Comparison between spatial and non spatial data.

Set No. 1

1 of 1

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