http://www.rgpvonline.com

Note:i)

http://www.rgpvonline.com

## iii) Assume Explain red http://www.rgpvonline.com Explain fr system. Explain op Discuss mu

Discuss point Transformation method.

Discuss various methods of stability.

Explain popov's stability criterion.

	Roll No		
	MEIC - 103	1000 1000	
	M.E./M.Tech., I Semester		
	Examination, June 2016		
Di	screte Data And Non Linear Control		http
	Time: Three Hours		://wv
	Maximum Marks	: 70	vw.rgp
i)	Attempt any five questions.		ttp://www.rgpvonline.com
ii)	All questions carry equal marks.		1e.co
iii)	Assume suitable data wherever necessary.		3
E	xplain reconstruction of sampled data system.	7	
E	xplain frequency response analysis of sampled ystem.	data 7	http://www.rgpvonline.com
E	xplain optimization of digital controllers.	7	w.rgp
D	riscuss multidata and sampling.	7	vonline
D	viscuss classification of non linear phenomenon.	7	.com

		b)	Explain Time response analysis of sampled data syste	m. 7	
http://w	6.	<ol> <li>Explain Design of digital controllers, with the help suitable data.</li> </ol>			
http://www.rgpvonline.com	7.	a)	Explain Linearization, Harmonic, Piecewise poi transformation method.	nt 7	
ıline.com		b)	Explain Zubov's method of stability.	7	
	8.	Wr	ite short notes on any two:	14	
		a)	Compensation of sampled data system		
http:/		b)	Phase plane method		
www.rg		c)	Canonical form of Lure		
http://www.rgpvonline.com			****		
3					

[2]

Explain modified transformation.

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