IES COLLEGE OF TECHNOLOGY, BHOPAL

B.E. (5th SEM) ASSIGNMENT-1

EC-501 Voice and Data Communication

Date of issue: 24/07/2014   Date of submission: 01/08/2014

Q.1	Explain The Principle Working Of Electronic Telephones	RGPV 2013
Q.2	Discuss Briefly About Voice Frequency Circuit Arrangement.	RGPV 2010,2013
Q.3	Explain Procedure Of Call Execution .	RGPV 2013
Q.4	What Are The Reasons Of Cross Talk ? How It Will Reduced.	RGPV 2012
Q.5	Explain Channel Noise And Units Of Power Measurements.	RGPV 2011

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B.E. (5th SEM) ASSIGNMENT-1

EC- 503 Digital Communications

Date of issue: 24/07/2014   Date of submission: 01/08/2014

Q.1	Define and explain the following (a) CUMULATIVE DISTRIBUTION FUNCTION (b) PROBABILITY DISTRIBUTION FUNCTION (c) CO RELLATION AND AUTO CORRELATION	RGPV 2013
Q.2	Define And Explain Mean , Variance , Standard Deviation In Random Variable .	RGPV 2010,2013
Q.3	Explain the properties of PDF	RGPV 2013
Q.4	EXPLAIN THE PROPERTIES OF RANDOM VARIABLE	RGPV 2012
Q.5	WHAT IS THE PROPERTIES OF VARIANCE.	RGPV 2011

IES COLLEGE OF TECHNOLOGY, BHOPAL
B.E. (5th SEM) Assignment -1
Microprocessor & Microcontroller (EC-504)
Session July 2014- Dec 2014

Date of issue: 24/07/2014   Date of submission: 01/08/2014

Q.1	Explain in detail the working of 8086 microprocessor in minimum & maximum modes?	
Q.2	Draw 8086 pin diagram? Explain the functionality of each pin?	
Q.3	Describe the architecture of 8086?	
Q.4	Describe the memory organization of 8086?	
Q.5	Write short notes on (i) clock generator 8284 (ii) 8288 bus controller	

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B.E. (5th SEM) ASSIGNMENT-1
EC– 505 (CNTL)

Date of issue: 24/07/2014   Date of submission: 01/08/2014

Q.1	What are lattice and bridged T Network ? explain a symmetrical bridged T network	RGPV 2013
Q.2	Calculate iterative and image impedence of T network with series and shunt arm (Z_1 & Z_2 in series and Z_3 in shunt) Z_1= 30+j7.5 , Z_2= 50+j10 , Z_3= --j 3.229	RGPV 2010,2012
Q.3	Distinguish between symmetrical and asymmetrical attenuator	RGPV 2011
Q.4	Explain reactive matching network.	RGPV 2013
Q.5	Explain characteristic impedence and write its properties?	RGPV 2011