Instructions:

(1) Question No 1 is Compulsory

(2) Answer any 3 questions from the remaining questions

											20
10	Answer any 4								•		
•	a Explain R b Quality of picture. Ju c. What are d Discuss the	stify or co the difference the classification	depends ontradict. ontradict. ont types of cations of d closing	of order to the of a digital of a digital order to the ored to the order to the order to the order to the order to the ord	statistics ames.	filters?	Discu	ss their ad			
Q2	a Write an image.	expression [1]	on for a	two din	nensiona	i DCT.	Also,	tind the	DCT of the		10
		2	1 2 1								
		2:	2 2 1 1 2 1	ad the	frequenc	v doma	in to	ols are s	o useful for	image	10
Q3	enhance frequence a Perform	ment? Will y domain histogram	in the nei Give the m Equali:	reasons	of shifti	ng the o	rigin.		sic of filterin		
	Equalization Intension No.	ty of 7	ams	40	3 4 60 10	5	10	7 40			
1	pixels							-			10
	h Discuss region based segmentation.										
Q4	a. What a	re the req	uired sam	ipling ra	ites for v	ideo sig	nals?	Explain v	ideo samplin	g in three	10
	dim ore	ions. n HIT or l			1				•		10
Q5	Tamboi	a. Explain the working of Weiner filter in image restoration.									
Q6	b. Exhau	notes on a ansform.	k matchin	g algori	thms.						20

MD-Con. 7991 -15.

Point Processing.