

Instructions:

T.A.t

23/1115 QP Code: 5875

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(1) Question No 1 is Compulsory

(2) Answer any 3 questions from the remaining questions

Q1	Ansv	ver any 4							_					·		20
	a. b. c. d. e.	Explain RGB a Quality of pictore. Justify What are the di Discuss the cla Explain openin	ture d or con ifferent ssifica	epends ntradic at types utions o	on the of or of vide	ne nur der sta o fran	tistics i	ilters						esent t	the S	
Q2	a. b.	Write an exprimage.  Why Fourier enhancement? frequency dom	1 2 1 1 2 2 1 transf	2 1 2 1 2 1 2 1 corm a the he	nd th	e frequent	quency lock di	dom	iain t	ools	are so	o use	ful fo	r ima	ıge	10
Q3	a.	Perform histogram Equalization for the following image. Plot the original and the 10 Equalized Histograms													10	
		Intensity No. of pixels	70	1 100	40	60	4 10	70	10	7 40						
	b.	Discuss region	based	segme	entatio	n.						:	.,			10
Q4	a. b.	What are the required sampling rates for video signals? Explain video sampling in three dimensions.  Explain HIT or MISS transform using an example.														
Q5	a. b.	Explain the wo														10 10

MD-Con. 7991 -15.

Write short notes on any two

Hough transform. Point Processing.

Exhaustive block matching algorithms.

KL Transform.

Q6

b. c.