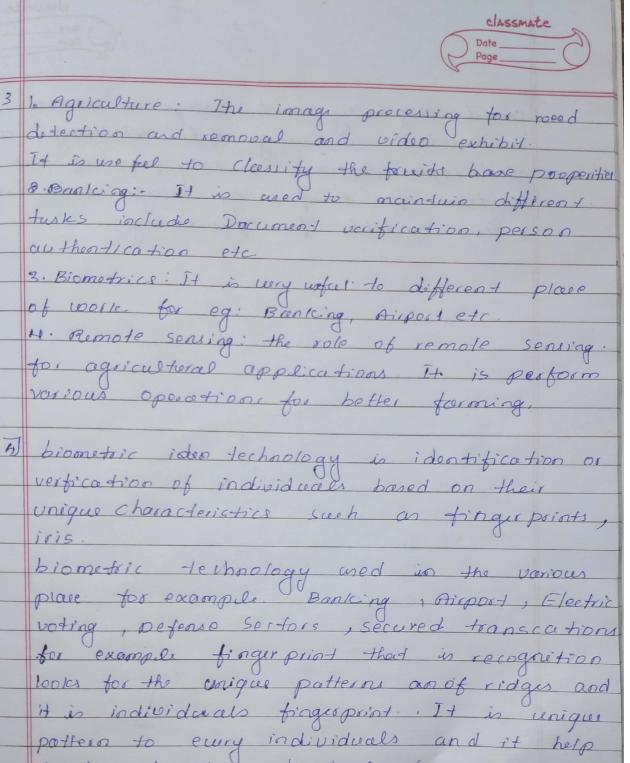


	Discuss the Significance of Sampling and quantizati
	-00 in processing of digital image
	Discuss the impostance of image pre-processing
	in understanding the digital image data.
	Justify image analysis and understanding is an
	useful tæsk for better society buliding.
	Discuss the importance of biometric technology
	consider the current applications.
5	Explain image representation.
Į.	
-	Answer
	Scroppling praces is the process of concerts
	ng a signal into a numiric sequence is
	called sampling.
	The transtron between continuous values
THE PARTY NAMED IN	of the image function and its digital
4 of 11 201 1	equivalent is called quantization. The image process are two dimensional
	indensity function fecx, y) where x and y are
	the co-ordinates representing horizontally and
	vertically. The value of f(x, y) at any point
	given the pixel value of the image. The image
	process agest be digitized both are spatially
	and amplitudes the frame of grasson de gitter
The same	in used to sample and gentral the unalogue
The section of the se	mideo signal Hence in brown to create image
	and concess of data into digital form are
- ACTES	used sampling and quantitation for process
	The representation of digitalionage ung the
	array doda stoueture the sampling process
	are used to an convert the analog longer
	digital imag it is store in the analog is
	signal in the completel it is required
	infinite memory to store since that is not possible

CIASSMATE so that concert the eigenels into digutal term and then store it in computer and then perform the operations. 00-1 + (x, y) 2) The digital image is represent involvers the prepolessing steps that in involver the operation ns on images at the lowest level of the abstraction where both input and output ronage are rodensity. ionceges. The pre processing is used to the image data the chiminates enhances of some imag features suitable for some other procession image enchancement is very useful to pre processing technique Basically enchancement techniques is to bring but detuits that is obscured or simply to highlight certain feature of interest in the image such as changing Sice, brightnes, and resize etc. for example enchance the brightness of an image 10 20 30 40



pottern to every individuals and it help ful to identify individuals from an entire world It is inherent to individuals It is very help ful to identify the person 5) Digital image processing deals with image Segmentation, representation, image acquistion, pre processing, and discorption and interpretation thereby and recognition enabling the analysis and understanding

The image representation of image can talka

many forms like such as color and

author/Ication etc

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	and rendered time is columned of the
	good representation is only part of the
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