Ans to the Q! NO! (1) (a)

Any 2D mathematical function that bears information can be refreger Ted as an image. A digital images is an array of treal on complex numbers refregented by a finite number of bits. Digital image Processing generally teeffens to Processing of a 2D Picture by a digital computer and it has been nonmally Truned on the making

Ans to the Q! NO! (1) - 15

contrast is an important factor in any subjective evaluation of image averality. Contrast i's created by the differences in luminance neflected from two adjacent surfaces. In Other work contrast is the difference in visual Propenties that makes on Objective dis tingenshable from Other Object and the backgrown So that this is the contrast

Ans to the &: Mo: (2) -> (a)

evenation of generating a sinsodial image at full HD size $\frac{1}{26^{\circ}}$ $\frac{1}{2}$ \frac

= 6.1083 Hz

- . The ventual for over

GARY SOOL

Ans to the Q! NO! 275

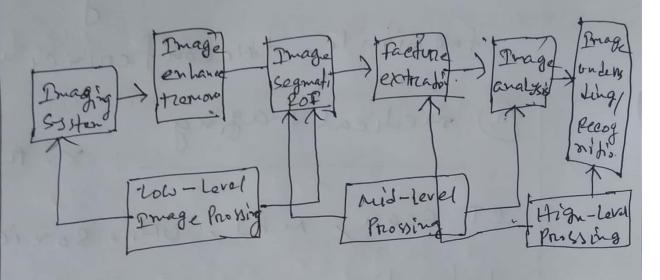
thite two main Objective of immage Processing. (1) Binary Image 2 Gruj-scale Image Binary Images : A binary immagges i's one that consist of pixels that can have one of exactly two colons, usually black and

anay - scalle Images; anay-scale Images is an moral time of the Images are often.

Scanned with CamScanner

Ans to the O! NO: (3).

60201-VP99



Ligital image Prossning dergnan

classification of the flow dougham:

Demote sensing via sutelites

geographical making, medication of agricul torre, weather forces ling, flood and fine control and military application,

D'Images trans mission! Tv broadcast cetv-based security monitoring facsimile, teleconferircing. 3) medical imaging: x-tray, et Scan, MPI, Ulha Son de Scan, Letection and monitoring of tumores and other diseases (9) Pader and Sonor imaging: In aircaft quidance and torget detection, missile monitor and Navigation system. Debot vision proside and outsile lovot Navigation

Ans to the Q! ND: (4)

Briefly explain any one application Specific linear making operation of image Processing:-A gray scale Image f (n,y) can be Transformed into images g (244) using a linear function given as g(x,y) = f(x,y) +6 b) o the images is made brigten else the Images is bis known as ec bias .

A grayscale Images of (2,4) can be Transformed into image g (2, y) using a linear gain function 8(2,4) = atf(2,4) if a>1 the image is made brighten else the images is a is known as ec gain!