1. Drown the significance of sampling and quantization n perceeting of digital mages. -) In order lis caeali digstal mage, ne need lis connect conti--mous date mli digital from. The process mother Sough and Quartization processes. It The sampling is the process of converting a signal, (eg, a function of continous time & space) mis a numera segnence (eg: a function of discreti Jone & space. Athe Quar togation, midved in mage processing is a lossy confrassor technique adriend by confrassing a range of ralves to a single gnowner vælne. When the number of discrete symbols in a given of sear is reduced, the stream becomes more compressible The sampling ealt determes the patral esolution of The digitized mage, while the grantization level determines the number of gray lands on the digitized mage.

2. Dones the moderne of mage fee processing in under--stending the digital mage date. Dre-processing moder of geations on images at the bount level of abstractor where both orfort and outfort in you are wtonsity mages. The am of fee processing is an improvement of the mage data that eliminates distribus I enhancer some mage featurer sutable for fruettier Image enhancement is the most appealing preferessing Jeehrigne. The idea behind chancement Jeehniques is his being out detail that is obscused, & simply his highlight certain features of merent in an mage such as changing brightness, changing conteast of the mage, etc. Ford categores of mage fre-processory methods according to the size of the pixel are, pixed bughtness teamfunt sons, geomatere fearsfundions, fea-fearesting methods that use a local neighborhood of the processed fixel q image eestaation that requires knowledge about the entite mage.

3. Instiff image analysis and condenstanding is an noted trok for better society building! The mage analysis, maye processing and computer technology related to mage processing is an important and essential area which is very weight in better society building. Several publishers can be solved through this. There did a large membel of opportunities and challenges in this yechnical field which foreses many derdopments. The advances and vide aveldbilty of mage processing hardware has frether entanced the usefulness of mage processing. Some of the night fields on which digital mage person -essing is widely used are, agreenthie, augmented reality, antonomons vehicles, biometrics, flersics, face recognism, exposics, security and sneveillance, semote sonsing, pollution montang

4. Discuss the impolance of biometer technology considering the creek application. In novadays, the vole of mage offenders on brown theres is highly used. Vacrous types of brometic onformation of a fection is used in voucous field. secteds. In many frelds boomstors are used for anthentocotron of a pelson for secrete teansactions bankon, etc. Vousn's kind of brometers melude fall eignahur, falm-fent, ear lie sjeich, etc. In facusir applications, biometer details are used be for the came mertigation and identity the richm by ning finger jent entancement and so o: In estore defense sectors væcom knds of boronthe such as sers sewgentron, fingerfent, face, norce, bordshope religion wind. And also in the field of determine working many of the brometer detale all made use of. The biometre decognition als oncludes eetma ee cognission, 3D face, con chape, keystroke, dental endrograph, etc.