Cyber security Amitshah 18012010/008 Assigned O Explain digital signatures also tell its As A digital signature is a mathematical scheme for demonstrating the authentically of digital message on downer to it is a vixtual fingerprint that is unique to a person and are used to identify signers and secure data indigital documents. It is a type of electronic signature that ensure compliance with legal regulation by providing the validity and outhertical of a digital documents and signature identity, digital squature can provide proof of origin, time identity and status of a digital down est A signature confirm that the data amount end from the signer and has not been to temper eduith during transit Advantage of cligital signature =

D'Sove time: Digital signature and contained time free
because it resity by data so it theek foster themore 2) Coost sawings 3) work flow effency (4) Bett en custom en en perionce 3) Entire validity 5) Security Denvironent benefits etc De whatdo you mean by in Journation Security? or plain with the holp of enable

Am Information security hisposed enables organized to protect digital and aneilog information Injuser provides voussage gon cryptograph mobile computting social media; is well as in fra - structure and notwork & containing private financial and comparte information, upon security on the other hand, protects both now, and meaniful duta , but only from internet based thereaty

Organisation implement information security jon a buide rounge of neason Example Berkehine Bank is an enample of company that decided to restructure its data loss prevention (DLP) Strategy, The company wonted to gown ness to mant detailed reporting an events. Their old system only provided general information when thereatswere percuented but the lambany want of to know specific about each event, To prevent that Berkehine benk adopted evabeam solution to provide managed DLI (onversus)

O Define the fear Information Assugance. by Enformation Assertance (IA) refers to the ctops involed in protecting in Josemation system , like computer system and networks. there are commonly five toring associate but the defination of information assurance a Integrity a Availability

10 Authentication

(a) Confidentiality I A da field in and of itself. It can be thought of as a specialty of information technology because an IA specialist must have a thorough understanding of IT. and you information system work and are inter cornected with all of the thereats that one now coming on in the I Twocald worm, phishing attacks, social engineous identify theft and more a focus on protection against these bracats is required. I Air that Jolers - the final pillar is non-repudication.