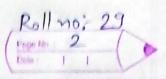
	NAME: ANKIT VIPULBHAI PRAJAPATI
	ROLL No.: 29 CLASS: MCA-I
	SUBJECT: ION (DY HARDIK JOSHI SIR)
6.1	ASSIGNMENT - 1
Ansi	List all Symmetric key Algorithms
+	Symmetric-key algorithms are algorithms for cryptography that use the same englosophy cryptographic keys for both encryption of plaintext and decryption of ciphertext.
Continue of the same	Here is list of Symmetric key Algorithms:
	- Data Encryption Standard (DES)
	- Advanced Encryption Standard (AES)
	- Triple Data Encryption standard (Triple DES)
	- Rivest Cipher 4 (RC4)
	- International Data Encryption Algorithm (IDEA)
	- Blowfish (Replacement for DFS or TDFA)

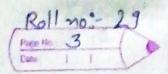


2) List all Asymmetric key Algorithms

Asymmetric Algorithms are Algorithms for cryptography that uses a pair of related teys (one public key and one private key) to encrypt and a message and decrypt a message and protect it from unauthorized access or use.

Here is list of Asymmetric key Algorithms:

- Rivest Shamir Adleman (RSA)
- Disfie Hellman Agreement
- Elliptic curve Cryptography (ECC)
- Digital Signature Algorithm (DSA)
- El Gamal Encryption Algorithm



3) List the algorithms for Message digest A Message digest is a cryptographic hash function containing a string of digits created by a one-way hashing formula. Message digests are designed to protect the integrity of a piece of Data or media to detect changes and alterations to any part of a message. -: Here is list all of algorithms for Message digest : Message Digest 5 (MD5) - Secure Hash Algorithm 1 (SHA-1) + SHA - 256 : SHA - 512 : SHA - 224