Paga No.

1) List of all symmetric algorithm. symmetric encryption is a type of encryption where one key is used to both energet and decryft electronic informution This encryption method differ from asymmetric encryption where a pair of keys, one public and one private is used to encrypt and decrypt message By ysing symmetric encryption algorithm duty is converted to 4 form that can't be understood by unyone who does not Posses secret key to decrypt it. The secret key that the sender and recipient both use could be a specific Pyssword/code or it can be rundom string or letter that have been generated by secure ryndom number generutor Types of symmetric encryption algorithm DBIOCK augorithm: set length of bits are encrypted in block of electronic duty with the use of a specific key.

The two main yses of asymmetric-key algorithm are public-key encryption and digital symisismatures public-key encryption and encryption is a method where anyone can send an encrypted message within a trusted network only receiver and can decrypt message asing the own private key.

-) Types 05 ysymmetric key gigorithm.

Diffie- Hellman key agreement

2) Rivest Shumin Adremun.

3) Elliptic (Mare Cryptography (ECC)

4) Digital signature Algorithm (DSA)

Q-3 List the gryonithm for message digest

messure digest alborithm rely on competitions to generate a unique value front is computed from during and a unique symmetric key.

of unitary length and produces a unique value of a fixed length.

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| | List of message digest agantem |
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| | 5 (mn5) |
| | message Digest 5 (MD5) |
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| 2) | Secure Hush Algorithm (SMA-I) |
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| 3 |) SHA 2-225 |
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| L | 1) SHA 2-256 |
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| 5) | SHA2-512 |
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