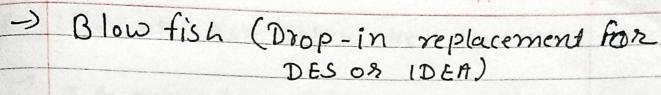
ame: Rathod Ami k. Roll No: 33 Assignment-1, a

- 1 list of all symmetric Key algorithms
- There are two types of symmetric encryptition algorithms
  - 1) Block algorithms:
  - Set lengths of bits are encrypted in blocks of electronic data with the use of a specific secret key. As dada is being encrypted, the system holds the data in its memory as it waits for complete blocks.
- 3) Stream algorithms:
  - Data is encrypted as it Streams instred of being retained in system's memory
  - -> Example
  - -> AES (Advanced Encopption Standard)
  - -> DES (Data Encryption Standard)
  - -) IDEA (International Data Encryption Algoritum)





- -) RC4 (Rivest cipher 4)
- -) RC5 (Rivest Cipher 5)
- -> RCG (Rivest cipher 6)

SCHOOL SERVICE HOLDER

-1 DSA

-) key serice uzation.

-0 S

- (3) List the algorithms for message digest
  - message digest algorithms is a widely used howh function producing a lestill have been
  - -1 list of message digest algoritums
  - Define in RFG 1319
  - 7 MD5 →. The MD5 message digest Algrithma as
    diffine in RFC 1009 1321
  - > SHA-1, SMA-224, SHA-256, SHA-384, SHA, 1224, SHA 6121256
  - -) SHA3-224, SHA3-256, SHA3-284 SHA3-512

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