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Name: Asbaaz Shaith Batch: MCA 1 2020-21 Sbjeet: JoN Assignment)

Of List all symmetric leay algorithms:

A) (i) AES (Advanced Emonythm Steward)

i (ii) DES (Data Encryption Steward)

(iii) DOCA (International Data Encryption Algorithm

(iv) Blowbith (Bropein replacement for DES & DOCA).

(v) 'RC4 (Rivest Cipher 4)

(vi) 2C5 (1 1 5)

(vii) 2C6 (1 4 6)

Or) List ale asymmetric (cey algorithms:

A) (i) Ed 25519 Signing

(ii) X 25519 locy expediance

(iii) Ed 448 Signing

(iv) X448 locy exchange.

(v) Elliptic curve emptography.

(vi) RSA.

(vii) Diffic-Hellman log exchange

(viii) DSA

(1x1 they socialization.

Page No.: List all algorithms for meorage diget. Date: (1) SHA3-512 SHA - 384 SHA SHA3-384 (1) SHA - 224 (61. SHA -512/256 SHA - 256 (1) SHA -512/224 3HA3-256 (20) 54PA-512 MD5 St113-224.

* Diccon Brelly: (a) PII (Personally Identifiable Anformation) Personally Granhfiable and Romation is any data that could potentially identity a specific Admidisidual-Any information that can be used to Dudy ting out one possen som another pessen and can be used to doanonymize provious anonymas data US Privacy actof 1978 The privacy set of 1974 pas amended, 5 V.S.C. &552a, establishey a code officir information pruchces that governs the collabor maintanance use and dissemination of interno about individuals that is maintained in systems of record by federal agencies. (C) FOIA. The FoIA provides public access to all fedral gencies seconds except for these reads

that are protected from disclessure by any of nine exemptons or three exclusions

d) FERRA terra is a fedral law enacted in 1974
that protects the privacy of student education
seconds. The (FAF) is a US cyberseeinty bill quarter compute fant fan. (OPAA The Coppe is an independent national Anciscon association of garent of children with disability. attoney, advocady & profferand with legal right to proteed the child rea with disabilities & freis families. NPPA. A VPPA is a procly francial contract that

provides REC'S from a specific senewable energy priject located off your company;

The HIPPE of 1995 is a lederal ans that required the creation of national standal to proket sensitive patient health information (i) GLBA The ELBA requires Anancial Anstron. præfices to freir extoners & to salegrante
their data. ()) P(J 'DS) PCT DIS is a set of sequirement interplad to every their all companies that store process, a passanit condit card intermedia maintain a seem environment.