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Class: MCA 1

Roll No: 34

Subject: ION

Assignment:1,2

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	Assignment -1 Date:				
1.	LIST all symmetic key Algorithms				
	A ES (Advanced Encryption standard)				
	DES (Data Encryption standard)				
	IDEA (Miternational Data Encryption Algorithm)				
	Blowfish ( Drop-in replacement for DES ON IDEA)				
	RC4 (Rivest CiPher 4)				
	RCS (Rivert CiPher 5)				
	RC6 (Rivest Cipher 6)				
	List all asymmetic encryption key algorithms				
=>	> Ed25519 signing.				
	725519 key exchange.				
	Ed448 signing.				
	X448 Key exchange.				
	Eniptic curve cryptography.				
	RSA.				
	Diffie - Hellman key exerunge.				
	DSA.				
	Key serialization				
	Asymmetric Utilities				
2.	LIST The algorithms for message digest				
	SHA3-512, SHA-384, SHA, SHA3-384,				
	SHA-224, SHA-512/250, SHA-250,				
	8AMDR, SHA-512/224, SHA3-256,				
	SHA-512, MDS, SHA3-224				
	3, 1, 3, 1, 1, 3, - 2, 24				
	IN STATE My School Portug @				

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## Assignment -2

a) Plt (personally Identificable information)

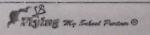
=> PtT is any information about an individual information of the maintained by an agency, including any information That can be used to distinguish or trace an individual's intentity, such as mame.

Social security number dute and place of birth, mother's maiden name, or biometric records. They all define and classify different pieces of information under the fill umbrena.

=> The Privacy ACT of 1974, as amended, 5 v.s.c. \$552a, establishes a code of fair information = Practices that governs The conection, maintenance use, and dissemination of information about insivious = That is maintained in system of records by federal-agencies.

c) FOIA

From disclosure by any of nine etemptions.



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d) FERPA

ACT (EFPPA) is a US federal law That Protects

The Privacy of students reducation records; including personally identificable and directory information.

FERPA was enacted to ensure that parents and student age if and older can access Those records.

e) CFAA

The computer fraud and Abuse Act (CFAA)
was enacted in 1980, as an amenament to the
first federal computer fraud law, to address
hucking over the year it has been amended
serveral times, most recently in 2008, to corer
a broad range of conduct far beyond its
original intent.

F) COPAA

The council of purent Attorneys and Advocates(coppa) is an independent national American
association of purents of children with disabilities
attorneys, advocates, and teleted professionals who
protect the legal and civil pignts of students
with disabilites and their families, coppa has
a 22-nembers Bourds of pirectors who fun
the organization.

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# 9) YPPA: This puper serves as an introduction to -The virtual power purchase agreement (VPPA) 1 its place in the off-site tenewable energy -Procurement market, now the VPPA works, and why vPPAs have been a popular instrument ? in The united states thus far this puperis'in aimed at renewable energe buyers who are seeking to understand the VPA me chanson. h) HIPAA The health Insurance portability and. Accountability Actor 1996 (HIRAA) is a federal raw-Fruit required The creation of national standuras. To Protect sensitive putient nearth information; form being discissed without the putient's consent or knowledge, The Us Deput ment of neath and human services (HHS) issued the HIPAA, privacy policy Rule to implement The resulteness e OF HIPAA. i) GLBA The Chapm learn Bhier ACT is also known as the financial modernization Acut of 1999. It is a united states personal lace that requires financial ingritations to ethain how they Shake and communicate to their costomers senjetive Duter.

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## i) PCJ DSS

The fuyment cara industry Duter security standard (PCI DSI) is an information security standard for organization. That humble brunded credit cards from the pulper card schepes. The PCI standard is mandated by the card brundy but administered by the fuyment card maustry security standard capacitates the standard was created to increase controls around cardinolder duter to reduce credit card from

#### K) FCRA

The foreign contribution (texpolation) Act, 2010 is an act of The partiament of india by The 41 ma Act of 7010. It is a consolidating act whose scale is to regulate the acceptance and utilisation of foreign contribution or foreign pospitality by certain individuals or association. For mutters connected therewith or incidental threeto.

#### 1) FACTA

The fair and Accurate (redit Trunsactions Act
(FACTA) is a federal law enacted by the upited
state congress in 2003. Its started purpose was
To enhance consumer protections a particulary
in relation to identity theft. The most wer
known feature of the Act is that it gave an
citizens of the U.s free access to their crest
reports once per year through the websit.

