

A. TARIKHANAHJI : ENRUL

NAME : LALCHETA RAJ A.

ROLL NO. : 15 - ADM : 28900

COURSE : MCA - I

ASSIGNMENT : 1, 2

# Assignment = 1

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① List All Symmetric Key Algorithms

→ AES

Advanced Encryption Standard

DES

Data Encryption Standard

IDEA

International Data Encryption Algorithm

BLOWFISH

RC4

Rivest cipher 4

RC5

Rivest cipher 5

RC6

Rivest cipher 6

② List All Asymmetric Key Algorithm

→ RSA

Diffie - Hellman

ECC

El Gamal

DSA

③ List Algorithm for message digest.

→ MD 5

Message Digest 5

SHA

Secure Hash Algorithm

HAVAL

Hash of variable length



# Assignment - 2

## ① PII

→ Personality Identifiable Information

- = It is the data that could potentially identify a specific individual.
- = Any information that can be used to distinguish one person from another.

## ② US Privacy Act of 1974

→ It establishes a code of fair information practices that governs the collection.

- = The privacy act requires that agencies give the public notice of their systems of records by publication in federal Register.

### ③ FOIA

→ Freedom of Information Act

- = It is a federal freedom of information law that requires the full or partial disclosure of previously unreleased information.

### ④ FERPA

→ Family Educational Rights and Privacy Act

- = It is a United States federal law that governs the access to educational information and records by public entities such as potential employers.

### ⑤ CFAA

→ Computer Fraud and Abuse Act

- = It is a Cyber Security Bill that was enacted in 1986 to existing comp. fraud law which had been included in crime control act of 1984.

## COPAA

HAPPY

③

- Council of Parent Attorneys and Advocates

It is an independent national American Association of parents of children with disabilities, attorneys, advocates who protect the legal and civil rights of students.

## VPPA

REVIEW

④

- Virtual Power Purchase Agreement
- It is also known as synthetic PPA or contract for differences is a popular type of renewable energy.
- Contracting structure that provides a financial hedge against future energy fluctuations.

### ⑧ HIPAA

→ Health Insurance Portability and Accountability Act

= It is a United States federal statute enacted by 104<sup>th</sup> United States Congress and signed into law by President Bill Clinton on August 21, 1996.

### ⑨ GLBA

→ The Gramm-Leach-Bliley Act

= It is also known as the Financial Modernization Act of 1999. It requires financial institutions to explain how they share and protect their customers' privacy.



⑩

## PCI DSS

PTO RTI

SI

→ Payment Card Industry Data Security Standard

- = It is an information security standard for organizations that handle branded credit cards from major card schemes.
- = The PCI Standard is mandated by the card brands.

⑪

## FCRA

→ Foreign Contribution Regulation Act

- = It is a Act of parliament of India By the 42<sup>nd</sup> Act of 2010.
- = It is a consolidating act whose scope is to regulate the acceptance of foreign contribution.

## ⑫ FACTA

- Fair and Accurate Credit Transactions Act
- = It is an amendment to FCRA that was added, primarily to protect consumers from Identity theft.
- = The act stipulates requirements for information privacy, accuracy and disposal can be shared.