Name: Tandel Bindiyaben Vasantbhai

Roll No: 42

subject : ION

class: MCI-I

Assignment : I

** * Assignment - I ***

	V
0	list of all symetric key algorithms:
	There are two types of symetric algorithms: (1) Block algorithms
	② Streum algorithms. The list of symetric algorithm is following:
-	AES Cadvanced Encoyption standard) DES Couter Encoyption standard)
-	IDEA (Internectional duty Encryption Algorithm) Blowfish (Prop-in replacement for DES Or IDEA)
	RC4 (Rivest Cipher 4)
1	RC5 (Rivest Cipher 5)
	RCG (Rivest Cipher 6)
->	AES, DES, IDEA, Blowgish, RCS and RCG are
	Plank cinhols
	Block ciphers.
->	RCH is stream cipher.
2	
2	List of all asymmetric key Algorithms.
Ans.	Encorption with asymmetric corptography works in
	a slightly different way from symmetric key.
	encryption. someone with the public key is able
	to encoypt a message, providing com confidentiality,
	and then only the person in possession of the
	private key is able to decrypt it. Here the list of asymmetric key:
	Ed 25519 singning
	725519 FON 055 de 12000
-	Xd448 signing
vision	

(2)	
(4	

-	Elliptic curve coyptography
	RSA
	Digger - Hellman key exchange
	DSA
-	key sericulization
-	& Asymmetric Utilities
3	list of algorithms for message digest.
Ans	list of algorithms for message digest. The list of algorithms for message digest is
	below.
	SHA3-512 - MD2
-	SHA = 384 - 5HA - 512/224
-	SHA - 5HA3 - 256
	SHA3-384 - SHA-512
	SHA - 512/256 - MD5
	SHA - 256 - SHA3-274
*	
<u> </u>	
-	
Vision	

> brigly discussion of following topics:-(a) PII (Personally Identifiable Information) -) Personally Identifiable Information (PII) regers to duty that am directly or indirectly identify individuals 1 Direct Identification: The gollowing PII directly identity an id individuals - Mame, social security number, Biometric duta 1 Indirect information: - phone number it's not that always straight gorce and , which is Indirect information. (b) US Privacy and of 1974 > The Privacy Act of 1974, as amended, 5 U.S.C. \$ 5520, established a code of quir information practices that governs the collection, maintenance, use, and dissemination of information about individuals that is maintained in systems of records by federal | ageneies (e) FOIA - Freedom of Information Act since 1967, the greedom of information Act (FOIA) hes provided the public the right to request access to records from any federal agency. It is often described as the law that keeps citizens at in the knew about the government. (d) FERPA - FERPA was enacted by congress to protect the privacy of student and their purents. The act is designed to ensure that students and provents of

(5)

coverage for workers who lose or change their jub and the ultimately reduce the cost of headthcare by standarding the electronic transmission of admistractive and ginancial transactions.

(i) COLBA

-) The cooumn-leach-Bliley Act @ ..

Tt's also known as the financial modernization Act of 1999. It is United states redeval law that requires financial institutions to explain how they share and protect their customes' private information.

(J) PCI DSS

-) Payment card Industry Duta Security standard

-) It stands for payment card industry data security
standard. This global security standard for information
is designed to enhance control over credit card data
to prevent found. All businesses regardless of size

coerd payments from the five major bounds.

(k) FCRA - Foregin contribution Regulation Act

The FCRA was enacted with the primary purpose
of regulating the inflow of foreign contributions and
ensuring that the received foreign contributions are
not utilized for purposes other than those specified
under the legislation. All charitable organization in
India recieving foreign contribution come under the
purview of this Act.

vision

6

(1)	FACTA
->	The goregin Account Tax compliance Act
	It is a tex less that compels U.S. citizens at
	home and absold to gile annual reports on any
	gereign holdings. FACTA was endorsed in 2010 as
	part of the Hailing Incentives to Restore Employment
	CHIRE) Act to promote transparency in the global
	financial services sector.
(

vision