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**NOIDA INSTITUTE OF ENGINEERING AND TECHNOLOGY, GREATER NOIDA**

(An Autonomous Institute Affiliated to AKTU, Lucknow)

B.Tech.

SEM: III - LATERAN / LEFT OVER THEORY EXAMINATION (2021 - 2022) (ONLINE)

Subject: Cyber Security

Time: 01:00 Hours

Max. Marks: 50

**General Instructions:**

1. *All questions are compulsory. It comprises of one Sections A.*
- *Section A - Question No- 1 has 25 objective type questions carrying 2 marks each*
- *No sheet should be left blank. Any written material after a Blank sheet will not be evaluated/checked.*

**SECTION A**

25 x 2 = 50

1. Attempt ALL parts:-

- |       |   |   |
|-------|---|---|
| 1.1.a | The Back bone of any organization is :  | 1 |
|       | (a) Management  |   |
|       | (b) Employee  |   |
|       | (c) Information   |   |
|       | (d) Capital   |   |
| 1.1.b | <b>The Waterfall Model was the ____ Process Model.</b>  | 1 |
|       | (a) Second  |   |
|       | (b) First   |   |
|       | (c) Third   |   |
|       | (d) none  |   |
| 1.1.c | Identify the term which denotes that only authorized users are capable of accessing the information | 1 |
|       | (a) Confidentiality   |   |
|       | (b) Integrity   |   |
|       | (c) Non-Repudiation   |   |
|       | (d) Availability  |   |
| 1.1.d | <b>What is the standard form of WI-FI ?</b>   | 1 |
|       | (a) Wireless Fidelity   |   |
|       | (b) Wired Function  |   |
|       | (c) Wired Fidelity  |   |
|       | (d) None of the above   |   |
| 1.1.e | What does cyber security protect?   | 1 |
|       | (a) Cyber security protects criminals   |   |
|       | (b) Cyber security protects internet-connected systems  |   |
|       | (c) Cyber security protects hackers   |   |
|       | (d) None of the mentioned   |   |
| 1.2.a | Which of the following are data security consideration?   | 1 |
|       | (a) Backups   |   |
|       | (b) Archival Storage  |   |
|       | (c) Disposal of Data  |   |

	(d) All	
1.2.b	Which of the following is not a form of data archiving? (a) Online (b) Offline (c) Cloud-storage (d) Storage archiving	1
1.2.c	Which is the most common risk in social media? (a) Third-party apps (b) Spams (c) Privacy settings (d) Human error	1
1.2.d	_____ is software that is installed using an internet connection or they come by-default with operating systems. (a) Hardware Firewall (b) Software Firewall (c) Stateful Inspection Firewall (d) Microsoft Firewall	1
1.2.e	Which of the following is 1st computer virus. (a) Creeper (b) Blaster (c) Sasser (d) none	1
1.3.a	A DVD is (a) Optical Disk (b) Output Device (c) Solid State storage (d) Hard Disk	1
1.3.b	What are the major components of the intrusion detection system? (a) Analysis Engine (b) Event provider (c) Alert Database (d) All of the mentioned	1
1.3.c	Which of the following is a control gate in the development phase? (a) Authorizing the decision (b) Reviewing the architecture and design (c) Reviewing the confidentiality and availability (d) Reviewing the operational readiness	1
1.3.d	CCTV is (a) closed circuit television (b) crime detection software (c) communication software (d) all	1
1.3.e	The risk management process involves (a) Framing,deciding,executing and deleting (b) Framing,assessing, monitoring and responding	1

- (c) monitoring, assessing, executing and deleting  
(d) All of the above
- 1.4.a Which of the following keys are known only to the owner? 1  
(a) public key  
(b) protected key  
(c) private key  
(d) unique key
- 1.4.b Examples of hash functions are 1  
(a) MD5  
(b) SHA-1  
(c) Both MD5 and SHA-1  
(d) None
- 1.4.c DES follows \_\_\_\_\_ 1  
(a) Hash Algorithm  
(b) Caesars Cipher  
(c) Feistel Cipher Structure  
(d) SP Networks
- 1.4.d SHA-1 produces a hash value of 1  
(a) 256 bits  
(b) 160 bits  
(c) 180 bits  
(d) 128 bits
- 1.4.e VPN is abbreviated as \_\_\_\_\_ 1  
(a) Visual Private Network  
(b) Virtual Protocol Network  
(c) Virtual Private Network  
(d) Virtual Protocol Networking
- 1.5.a In which year India's IT Act came into existence? 1  
(a) 2003  
(b) 2001  
(c) 2002  
(d) 2000
- 1.5.b Label the section that deals with the penalty for confidentiality and privacy breaches 1  
(a) Section 66  
(b) Section 73  
(c) Section 67  
(d) Section 72
- 1.5.c Which of the following is a form of protection which is provided to the authors of "original works of authorship"? 1  
(a) ISO/IEC TR 13335-5:2001  
(b) ISO/IEC TR 13335-4:2000  
(c) ISO/IEC TR 13335-3:1998  
(d) ISO/IEC 13335-1:2004
- 1.5.d The documents including electronic records produced for the inspection in the court is known as 1  
(a) Primary evidence

(b) Documentary evidence

(c) Oral evidence

(d) All

1.5.e Name the term that gives a description of the lawful issues related to the use of communication or computer technology. 1

(a) Cyber Audit

(b) Law Enforcement

(c) Evidence records

(d) Cyber Law