

2ND SESSIONAL EXAM

Page No.

Date

1
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NAME - SHUBHAM PATKAR

SUBJECT - CS

[SECTION-A]

[Answer - 1 (a)]

(a) Electronic Payment System - An e-payment system is a way of making transactions or paying for goods & services through an electronic medium, without the use of checks or cash. It's also called an electronic payment system or online payment system.

(b) Application Security - It is a process of developing, designing, adding & testing security features with in applications to prevent security vulnerabilities against threats such as unauthorized access & modification.

(c) Backup Security Measures - The backup files are used for restoring system to previous state whenever system falls. Backup encryption is one of many activity that contributes to a comprehensive security strategy.

(d) Digital Signature - A signing algorithm that given a message & a private key, produces a signature.

Digital Cards - A digital card, virtual card or cloud card is an online hosted, digital virtual representation of any plastic card or a generic identification method in IDM.

(e) Corporate Policies - It is usually a documented set of broad guidelines formulated after an analysis of all internal & external factors that can affect a firm's objectives, operations & plans.

[SECTION - B]

[Answer - 2]

(a) WWW Policies - Therefore, the purpose of Binghamton's WWW policies is to ensure accuracy, consistency, integrity, quality of interactive experience & protection of the identity & image of the university & guidelines for the website Binghamton's dept.

* The internet is a network of networks providing various services such as sending

e-mails transferring files, login from remote systems & www.

- * No company confidential material should be made available
- * Users of an org. should not be permitted to install or run web servers.
- * The personal material on or accessible from the website should be minimal.

③ Physical Security of IT Assets -

Security of data & information assets is equally important. You need to apply all round security measures to be able to manage & secure your information properly. In this respect, physical security of your assets, especially the IT assets is also very important.

⇒ Physical assets exposure to human beings

⇒ Physical assets exposure to Natural disaster

④ Physical access Control

⑤ Electronic & visual Surveillance system, closed circuit television.

① why policies should be developed?

It is a fundamentally important for org. to develop policy. An org. without policy is an org. without control. If there were no formal documented policies, then org. personnel at any level would have no guidance on how to make decisions.

→ helping staff to make decisions more efficiently

→ providing instruction on how to do tasks.

② E-mail Security Policies -

- It can be used not only to improve the commⁿ b/w employees, but also to transmit proprietary information, harass other users, engage in illegal activities & serve as evidence against the company in legal actions.

① you will demonstrate the same respect they gives to verbal commⁿ.

② you will check thy spelling, thy grammar.

③ you will not forward any chain letter.

④ you will keep thy personal email use to a minimum.

[Section - C]

[Answer - 3]

① **Cryptography** - It is a method of protecting information & commⁿ through the use of codes, so that only those for whom the information is intended can read & process it.

The prefix "Crypt" means "hidden" & the suffix "graphy" stand for "writing".

Cryptography techniques.

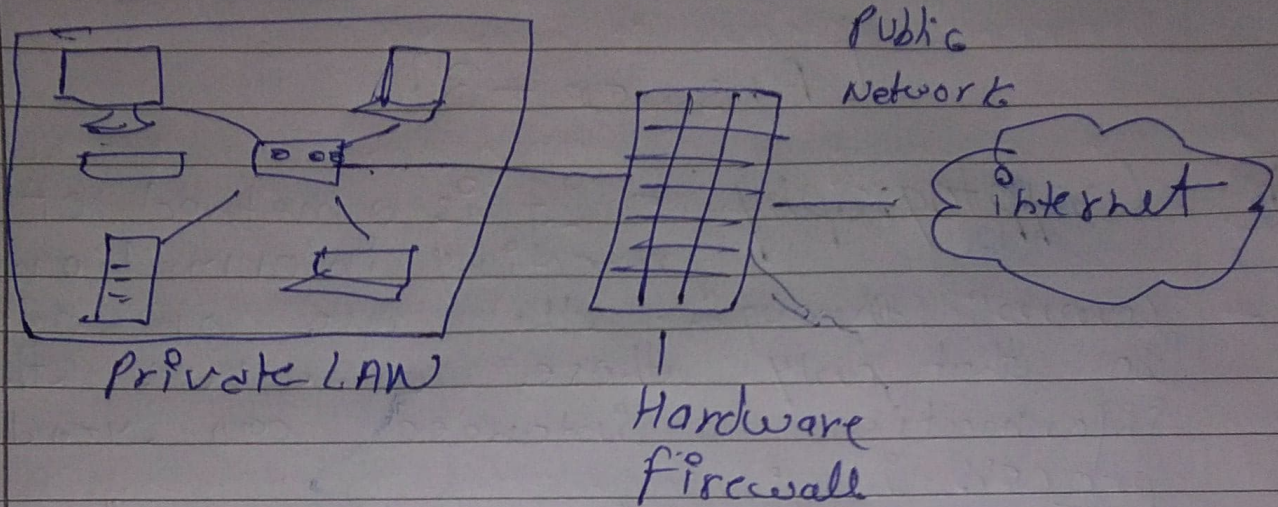
Cryptography is closely related to the discipline of cryptology & cryptanalysis.

It includes techniques such as microdots, merging words with image & other ways to hide information in storage or transit.

② **VPN [Virtual Private Network]**

It stands for virtual private network. It extends a private network across a public network & enables users to send and receive data across shared or public networks as if their computing devices were directly connected to the private network.

Fire wall -



Firewall is a part of a computer system or network that is designed to inspect incoming & outgoing network traffic & after the traffic flow by dropping or passing certain packets.

Technique

- Packet Filter
- Application - level gateway
- Circuit level gateway
- proxy server.