		00 17 HOLL NO .: 200225014
Serial No.	Date	Title

Page No. 4 Date 12MAP21 First Sessional - May 2021 (Seetion - A) ([Abswer-1] Information System & Is was derived from part of 17 anymore. deay, Is has provided highly productive thesults thus becoming more effect. Cyber Security - It is the protection of information of Is against the potential threats on the internet. Goals of cyber Security Protect the confidentiality of data. Preserve the integrity of data Bromote the Availability of data for authorized users. Secure information) - Leducing the visit of duta breaches & attacks in 17 bystem. - Applying Secontry controls to prevent unauthorized access to Southire information. Ser Dos Attack Ob Security 3 9t concerns the use of a broad stange of Information Security controls to protect db against compromises of their integrity.

Page No. 4 P Attacking Hacking * To set upon or work to use a computer to against force fully look at 4 dunge attack on enemy information that Fortification. is stored on another computer without permission [- Section - 8 ACTEM Control - It is a mechanism that delines & controls access rights for individuals who can use specific resources in the Os. Access Control System include -File permission Program Permission Data right permission important field for oyber Security identification V/s Authentication Authentication & Authorization * mondatory Accen Control Pole bound Acres control. + +

Page No_ 49 Data base Security = DBS encompasses a

Janya or Security conhols designed to protect the DBMs. The types of DBS measures your business Should use include protecting the underlying infrastructor that securely configurity! the DBMs & the access to the dieta itself. why is DR Security important Deployment failure. Excessive Uprivilega Plateform vulnerability Unmanaged Sensitive data Backup data exposence weak Authentication. Types of information Systems I.S supports all the different business operations in an org. Information System Management support syskm Operation Support Knowledge based System Transaction processing

PROD NO. 51 Molicious Software A computer program is a dequence of Symbols and instructions used to achieve a desired functionality. It is dermed malicious when the bequetie of Instructions is used to intentionality have malicious code. computer by [Independent] (Need Host Program) Logic Trojan (viruses)
Bombs (horses) Ewern (Zo mbie) Densal of Service Attacks - Dos attack attempt that sustricts acress to the computer sussources to its intended were Two types of Dos Ping of Death - is responsible for system crash by sending I CMP. buffer flow - is responsible for putting more dates of a buffer than it can hold

Page No.5 / Date 1 Section-() (a) (Security hreats) Thru are humerous threats to Security of applications of data with the increasing use of the internet of the advancing IT, applications are becomely interestingly vulherable. threats that could be a malicious code, virus, worms etc. * Viruses d'uirus regers to piece of slow

that is designed & developed with

the purpose of injection a computer eystem. 2 75 which a virus gets transmitted to a system-3 by cd 4 lendrive by another software program that are self sufficient to that are self sufficient to ruplicate them selves 4 do not need any host application toget transmitted. The around used to reside in the RAM 5 of a target computer. by email 15 by TopIIP by internet Benices. 9 * Trojan Morses - 9+ can be adjust as to a system under disquise of any lightmate

apple or program, but or an identificat to a program our part of an toutabletten the logic bonds - Then degle bonds oligited at the when eiter the work arrows the thickness or making was of a word broscene physicia. The same and my (Tropour) - backdoor attacks which are also differed many bucking makering defines troubleshooting of steveringer beeting that a system, the but store form is originally to as gaining access to a stante.

