4th Cycle: D Day (Mss) 02/01/19

Web Security:

web technolog --> server client 52H program 90

Security: 4 types

* Computer security

* Network seewity

* Cyber Security

* system security

Computer network:

S P

with each other for sharing resource

System so s/w or security provide aga ofto

communication channel Thetwork seeings

Network seeings

Total off access total to fit eath offer the fit

Coher: Virtual world a content fault 2000 and:

System: Particular organization 23- 345 Depend 1979 1 web security: o letter security Provide 20 & Server client issue of sever side seeing ex client n n * channel n n secondy attack of 3 point G go my Web security challenging? 由 two way communication The reputation immediately hamper are one (veb technolose) 7 Carval user, we's user that train many प्रकार वस भी Web technology is actually challenging Orma total user & provider is

malicios Sollware (Mss) (Mss)

Logic Bomb! Malware > particularly Malware or maticious attack sale 200 ama , particular logic condition full fill for Trozen Hosse! Hidely torram spa, Horamful Table anta

LED - COLUMN SA . by maricious code

Virus - 2001 Malicious code

S/W-> User level only zon, complexity

completely thide zna program-s posticular onto mi, west

nsed pencl & sust yes 1 曲

S/W -> TASTIETA ISSUE THE STOP STATE I

A Mobile Agent:- Normal program, Titrez move 545 MITS, FLETTS network paroticular network 6 explore aga , Network Administrator att use rota [Positive rotar use 22]

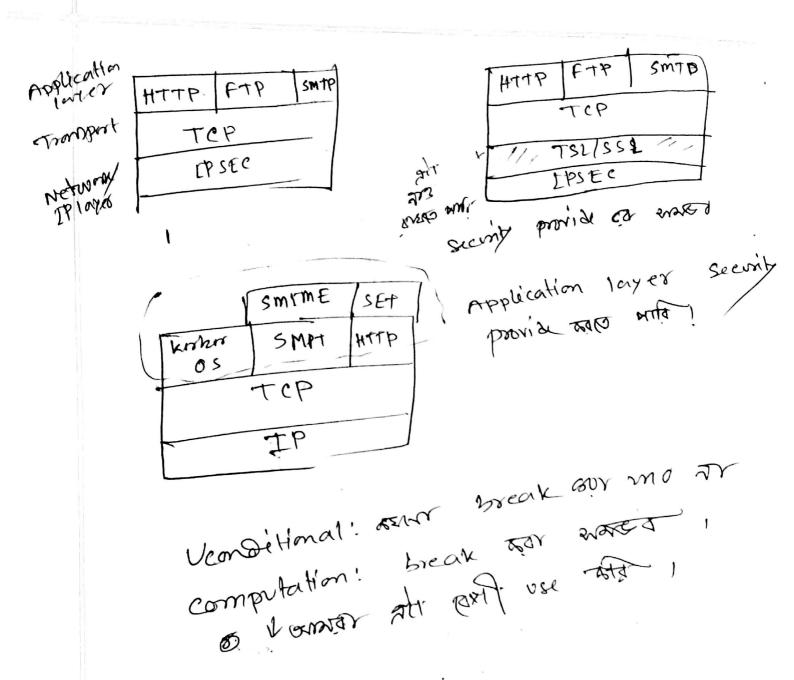
-> user intromation automatically transfer ago

Web security Thread/AHack

Active attack parriere attack L'information collection

CIA O Countermeasure Consequences Threat Encyption loss of information loss of Modification content brobest! Integrity certificated Authentication organization MA C/HMAC Use that gar on technica] Interruption background 20 support AZI उपूर्व मिस्त्र खुव Interription 25 - secure socket to Layer - transport Loyer security Threat from the Internal, our

Scanned by CamScanner



SSL/TSL

Assignment: History of Browser (only one Page) The History of Network Browser

SSL-> (906Har Botocol 93 WAYJET WAYJET

after 2 layer protocol atm Multilayer protocol) at this prem upper layer protocol) at this prem upper layer after after attention as area of a

EPSEC > Network Layer TELET

HTTP- Application loger LP - Network Layer

TCP/UDP -> Network Layer

GB SSL CO UPPER layer protocol JUM

<u>35L</u> Alert > Record protoco | TCP · PSEC Mainly transport Layer & transport Layer & transport Layer & to the age.

Handshake -> session establish & 225, a willy sup son tono laber a sin why not single layer? transport layer to vital issue Logici or connection establish or connection release OSTA ZM 600 Han Ishaking 50 Alango 24 200 session layer & arry of a (9517 Session to 3 Secure Too to 2001 2. * One layer is enough for TCP? Do you agree? Justiff. SSL Record 97. > H concept * what does connection A sension Connection: Great GMARGAGITY RETURN DM connection a stablish on 1 and 100 cally - with 300 servion: 2 communication (Por Factor encryption use 200 ? , Hornor

to mark allow the work Than the market

collection of parameter connection & Session: ame are goodso servion Washes connection zingo 3 endo umo, theoratically are DMO, parameter of session: grow parameter me कार्य खंखा * Session Edentifier Hamashake protocol Tr war parammeter ex Pres Certificate define 20 Compression Method omo -Cipher Spec * Manter secret = Es Revsvable (2 bit or +lag THERE, sension of more man the way Moster secret: \$2 4(1) nos secret share. Handshake To sossion or ax Cypher spec: encryption related issue, mos/ to stay use about ? Compression method: (2012 compression rse 65.(07) neer C! 276 (A) voit/ organization To certificate 2mat

Exam 1 To me make your

> Took servion Troffer connection 2 roads ong but, practically use zet or sont complexity increase zu Acomotion establish of any random no Connetton Parameter: generate 24 1 Server MAC secret: JEMA KEY ZMB ZN SKOVER Secide 190 H client MAC secret:

Mersage Authentication Entegrally # server Write key!

encrypt and one conventional (secret key)

encrypt and one # client White Key: # Inital vector (IV): DES a more, # sequence Number: communication To and DES! Data Encryption Algorithm La Randam No. The enoyption 2nd, Enitial vector (no