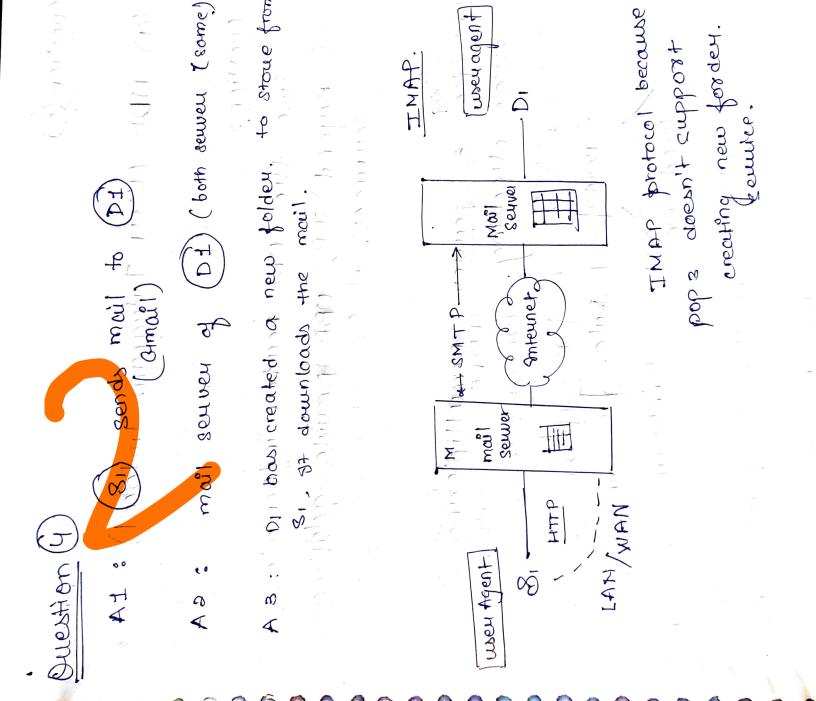
CSPC-536 CN 106119100 15/60/20 Rajneesh Bandey Date. eT-01 Question (Gioen TCP checksum is an end-to-end cehecksu 80, Its computed by source device for venify by destination devices therefore Number. of thes TCP checksum? calculated is one (1). of checksum is a node-to-node checksum It is computed everytime it reaches a node new Hence, Number of Homes of checksum is calculated is (6) Stx

Question (2) encyphon E(P)= on the cryptographic technique, enjotograpie technique is the substitution type Traditional eighter. hence, ny Monoalphabetic substitution technique for example. the Plain text all the chauacteus to left on sight (K) times. again become the pnew. Plain text the mange to apply thes Plain text: TATA and K=3 me population achive the chilsto here copney fext: w DwD (P+K) % mod 26. Key 8 (K) = 1 to 25 technique. shipped

Decry 12Han

 $D(c) = (c-k) \mod 26$

sepen rajneeshpandeyrajneeshpand 8 Q enemb 5 technique encypHon nsa 2 rommise a 273 H ennd Hoursposition 7 wing key demybibm. Q 2 Me Da N 5 plagn text 3 11 ょひ 2 17 ~ \ Question 0) H Kert Given M Column 79



Question (5)	137230
(a) UDP (Useu Datagnam Protocol)	; ! A ,
and the arming staff of the first and the contract of the con-	
Ouestion: Give the UDP header informa	tion.
of Beyond IP, UPP provide acld semuices.	itronoun
20	0
error cheching.	
& byte	
Headow Data.	in the
fixed 8120	

In the first of the second of the second

(b) TCP: Question

Lets suppose, TCP servey an Cliend surming on two different machine.

After completion of data transfer.

The client calls close to terminate the connection. If I'M segment is sent to the TCP server. Server-side TCP respond. by sending an ACK which is necessed

by client_side TCP. As peu TCP

dragram. which state does the client - side TCP connection woult for the FIN

from server-side TCP?

solul from

meue one two possibility

client receives. Ack for its FIN cifent how sent FIN segment but didn't Ack HII the time

the ACK for its own FIN, After.

Leciving ACK, client will move to

TIME-WAIT STATE.

50, FIN-WAIT -2,