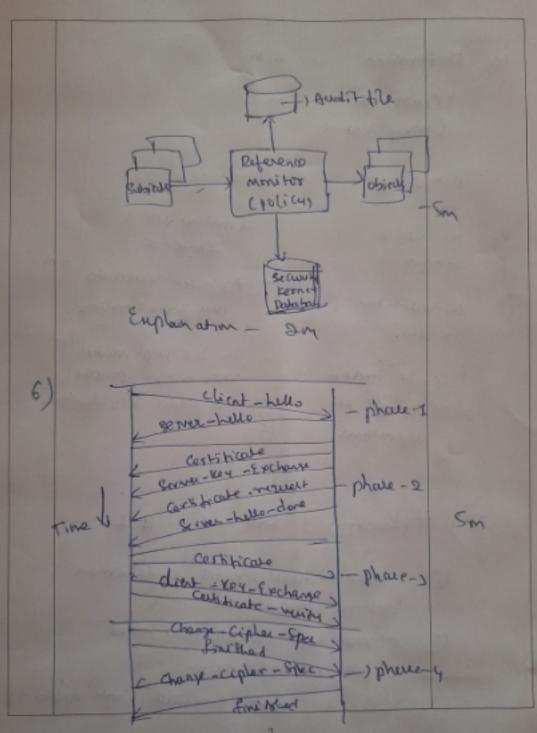
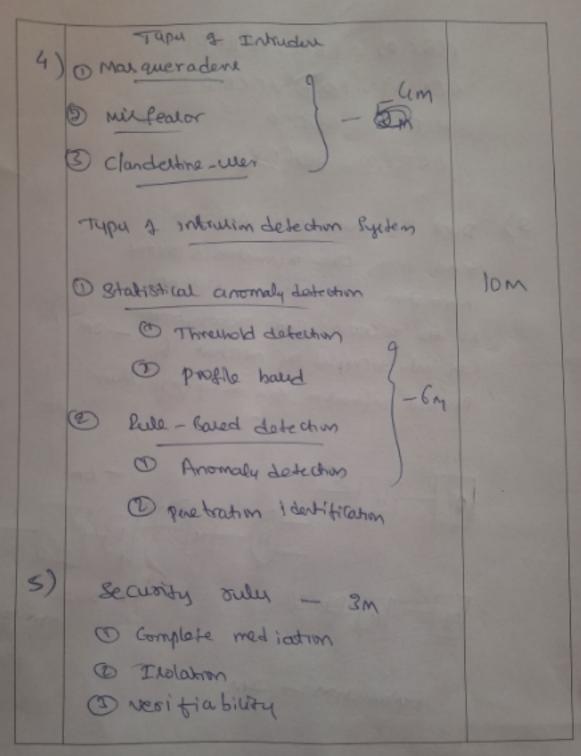
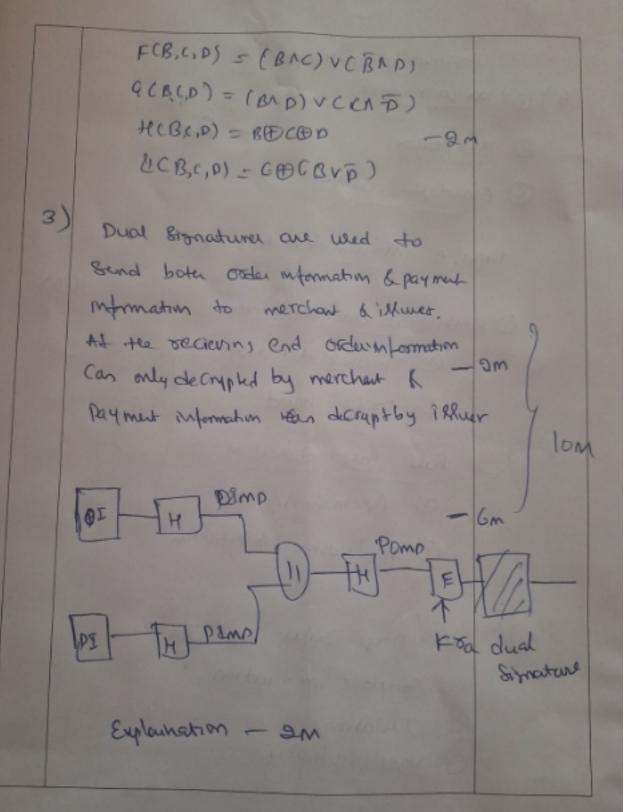
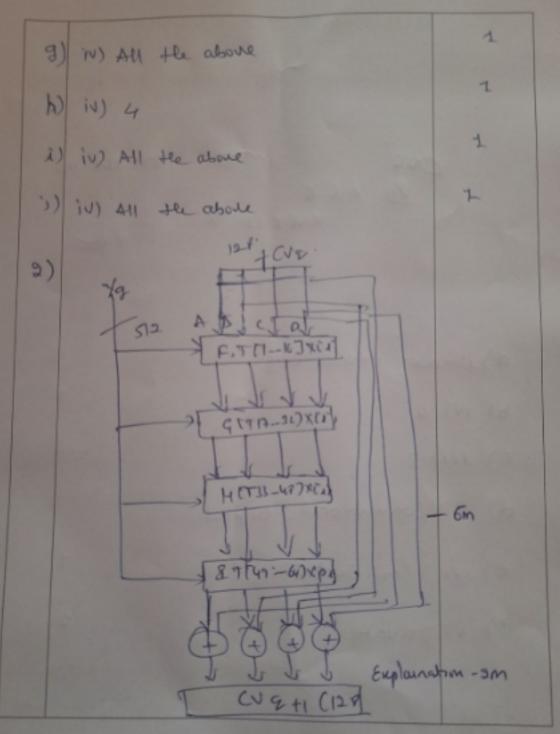
Defination requirement - In (norequestation) Pirect ping AbBitrated DS Involve we of No we of Oxbiter A assister Arbiter varidates No validation any Signed mellage M blw. Can be implemented Can be implemented With either private by proble by or public leay algorithme algorithm Deforation of Grewall - 801 D Sc. seened how fixwall, single humed bothism Configuration - 3 10 m @ Screened host frewall, dual homed boutin Contiguration - 3 3) Screened Subnet Grewall Contiguration - 3









DAYANANDA SAGAR COLLEGE OF ENGINEERING

(An Autonomous Institute affiliated to VTU, Approved by AICTE & ISO 9001:2008 Certified)
Accredited by National Assessment & Accreditation Council (NAAC) with 'A' grade

DEPARTMENT OF TELECOMMUNICATION ENGINEERING

Accredited by National Board of Accreditation Council (NBA)

SCHEME & SOLUTION: CONTINUOUS INTERNAL ASSESSMENT- 3

Date:

Course: CNS	Course Code: 127E7DECNS
Semester & Section: VII A 6 6	Total no of Pages:
Scheme & Solution prepared by:	Att-V
	18 the

Q. No.	Description	Marks
		Distribution
(a)	i)Sender private key	1
p)	iv) 4	1
()	iti) 3	1
d)	i) Conventional, Digital	1
eli	ii) Confidentiality	1
f) i	e) private	1

USN

DAYANANDA SAGAR COLLEGE OF ENGINEERING

(An Autonomous Institute Affiliated to VTU, Belagavi)
Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru-560078
Department of Telecommunication Engineering
Continuous Internal Assessment Test - III
raphy and Network security

Course: Cryptography and Network security Course Code: 17TE7DECNS

Date: 06/01/2021 Maximum marks: 50 Duration: 90 Min

Seme	ster: VII	Marks
	Note: Answer 5 full questions.	
(a)	Sender Private key iii) sender public key iv) Receiver public key	
(b)	i) 1 ii) 2 iii) 3 iv) 4	
(c)	Hash function must meet criteria i) 5 ii) 2 iii) 3 iv) 4	
(d)	A signature is included in the document, A signature is separate entity i) Conventional , Digital iii) Digital , Digital , Conventional iv) Digital , Conventional	1x10
(c)	A digital signature cannot provide to message i) Integrity iii) Confidentiality ii) Non repudiation iv) Authentication	
(f)	A network is used inside an organization. i) Private ii) public iii) Semi private iv) Semi public	
(g)	SSL provides? Integrity ii) Confidentiality iii) Compression iv) All the above	
(h)	How many phases will virus undergo? i) 2 ii) 3 iii) 5 iv) 4	
(i)	Which of these are an intrusion detection technique	
	ii) Penetration identification iv) All the above	
(j)	A packet filter router uses i) Source address iii) Destination address	
	ii) port number iv) All the above	
2	With all necessary equations and figures discuss the MD5 processing of single 512 bit block.	10
3	What is the need for dual signature in SET? How are they constructed?	10
4	Briefly describe the three classes of intruder and different approaches to intrusion detection system?	10
	OR	
5	List security rules of reference monitor, with a neat diagram discuss the concept of reference monitor.	10
6	a) Discuss about 4 phases in SSL handshake protocol	5
	b) Define Digital signature? Discuss its requirements? Distinguish between direct digital signature and arbitrated signature	5
	OR	
7	What is firewall? With a neat diagram explain different types of firewall configurations	10