

				Sub	ject	Coc	le: F	CNC	301
Roll No:									

Printed Page: 1 of 1

BTECH (SEM III) THEORY EXAMINATION 2021-22 COMPUTER SYSTEM SECURITY

Time: 3 Hours Total Marks: 50

Note: Attempt all Sections. If you require any missing data, then choose suitably.

SECTION A

Atten	npt all questions in brief. 2*5	= 10
Qno	Questions	C
(a)	Why is Session Hijacking successful?	1
(b)	What is the significance of Confinement Principle?	2
(c)	How access control in UNIX is different from Windows?	3
(d)	How many look-up zones are in DNS?	4
(e)	Define Firewall and Its Uses?	4
	SECTION B	
Atten	npt any <i>three</i> of the following: 5*3 =	= 15
Qno	Questions	С
(a)	What is Control hijacking with an example? Explain the term of Buffer	1
(1.)	overflow in Control hijacking.	
(b)	Write short notes on System call Interposition.	2
(c)	What is Cross Site Scripting? How to Protect against XSS Attacks.	3
(d)	Explain the term Public key Cryptography in detail.	4
(e)	Explain in brief about RSA Public key cryptography.	
_	npt any one part of the following: 5*1 Ouestions	
Atten	ipt any <i>one</i> part of the following:	= 5
Qno	Questions	С
_	Questions How Security System Should Evolve to Handle Cyber Security Threats	С
Qno (a)	Questions How Security System Should Evolve to Handle Cyber Security Threats and Vulnerabilities?	<u>C</u>
Qno (a) (b)	Questions How Security System Should Evolve to Handle Cyber Security Threats and Vulnerabilities? What is a Digital Signature? How Digital Signature Works?	C
Qno (a) (b) Atten	Questions How Security System Should Evolve to Handle Cyber Security Threats and Vulnerabilities? What is a Digital Signature? How Digital Signature Works? apt any one part of the following: 5 *1	= 5
Qno (a) (b) Atten (a)	Questions How Security System Should Evolve to Handle Cyber Security Threats and Vulnerabilities? What is a Digital Signature? How Digital Signature Works? Inpt any one part of the following: 5 *1 How to detect Rootkits? Explain how to prevent Rootkits	= 5
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