



BRAINWARE UNIVERSITY

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Term End Examination 2023

Programme – B.Sc.(ANCS)-Hons-2020

Course Name – Vulnerability Analysis / Penetration Testing

Course Code - BNCSD601B

(Semester VI)

	Marks: 60 e figure in the margin indicates full marks. Car own words as fa	Time: 2:3 ndidates are required to give their answers ar as practicable.]	O Hours in their		
1.		oup-A e Type Question) 1 x wing :	(15=1 5		
(i)	The Domain Name Server data will get spread to the ISPs & will be cached there. Choose the correct one.				
(ii)	a) workingc) corruptedWhich of the following is a Python tuple? Id	b) compromised d) poisoned dentify.			
(iii)	a) {1, 2, 3}c) [1, 2, 3]Who developed Python Programming Langu	b) {} d) (1, 2, 3) uage? Identify.			
(iv)	a) Wick van Rossum c) Guido van Rossum Which type of Programming does Python su	b) Rasmus Lerdorf d) Niene Stom upport? Discover.			
	a) object-oriented programmingc) functional programmingIs Python case sensitive when dealing with it	b) structured programming d) all of the mentioned			
	a) noc) machine dependent) Which keyword is used for function in Pytho	b) yes			
	a) Definec) Fun) Identify the tech-concepts that cannot be s	b) def			
	 a) Router configuration c) Email Traffic i) When an algorithm is written in the form o Identify. 	b) ISP details			
	a) Flowchart	L) Dec			

b) Program

d) Syntax

c) Pseudo code

	ns) The wordcomes from the nan	ne of a Persian mathematician Abu J	a'far
	(ix	Mohammed ibn-i Musa al Khowarizmi, Identi	fy.	
		a) Flowchart	b) Flow	
		1 la	d) Syntax	
	(x)	What connects IP address to the Physical add		
3	125	a) Address Resolution Protocol	b) File Transfer Protocol	
673	Ę	c) File Transfer Protocol	d) Transmission Control Protocol	
하는 1	y (xi)	Choose what will be the output of the followi	ng Python code? I=1 while True: If	
		i%7==0: break print(i) i+=1	11455	
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		a) 1 2 3 4 5 6 7	b) 1 2 3 4 5 6	
asa		c) Error What is the purpose of system-file verification	d) None	
Brainware University Barasat, Kolkala	(xii)	What is the purpose of system me vermedion	b) To detarrel	
		a) To find system files	b) To determine whether system f	iles have
		c) To find out if a backdoor has been	been changed or modified	
		installed	To remove a Trojan	
	(viii)	Identify which of the following statements are	true?	
	•	a) When you open a file for reading, if the	b) When you open a file for writin	. If al fu
		file does not exist, an error occurs	does not exist, a new file is crea	g, if the file
		c) When you open a file for writing, if the file	d)	ar ta
		exists, the existing file is overwritten with	All of the mentioned	
		the new file		
	(xiv)	What is a countermeasure to passive sniffing?	Illustrate.	
		a) Implementing a switched network	b) Implementing a shared network	<
		c) ARP spoofing	d) ARP spoofing	
	(xv)	Illustrate which of the following is a countermo	The state of the s	
) Port-based security	b) WinTCPkill	
	C) MAC-based security	d) Ethereal	
		•		
		Grou ן (Short Answer Ty		3 x 5=15
		(Short Answer Ty	pe Questions,	3 x 3-13
) Evn	lain when to use "try" and "except" statement	103	(3)
		ine what is an algorithm?	ısı	(3)
		cuss what is DNS Spoofing?		(3)
		ine what is network vulnerability?		(3)
	?	(3)		
		OR		
	Exp	lain what is regex with example?		(3)
		Group		
		(Long Answer Typ	e Questions)	5 x 6=30
-	_			
_	. De	scribe how to install Python? alyze how python 3 is better than python2?		(5)
8 9.		(5)		
		(5)		
	0. Wri 1. Pla	2	(5)	
12	onse?	(5) (5)		
	_,,6	lain what are lists with examples? OR		(5)
	Dev	vise a code using nested loops.		(5)
				(3)

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