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BRAINWARE UNIVERSITY

Term End Examination 2022 Programme – Dip.CSE-2018/Dip.CSE-2019/Dip.CSE-2020 Course Name – Internet and Web Technologies Course Code - DCSE501 (Semester V)

Full Marks: 60

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A (Multiple Choice Type Question) 1 x 15=15 Choose the correct alternative from the following: (i) The _____ method when used in the method field, leaves entity body empty. Identify the correct option. a) POST b) SEND c) GET d) PUT (ii) www is based on which model? Identify the correct model. a) Local-server b) Client-server c) 3-tier d) None of these (iii) Select which one of the following is not a function of network layer? a) routing b) inter-networking c) congestion control d) error control (iv) A 4 byte IP address consists of ______. Select the correct option. a) only network address b) only host address d) network address & MAC address c) network address & host address (v) Two devices are in network if ______. Identify the correct option. a) a process in one device is able to exchange information with a process in another a process is running on both devices device c) PIDs of the processes running of different d) a process is active and another is inactive devices are same (vi) What will be the output of the following program? Choose the correct option- <?php \$var1="Hello World"; echo strrev("\$var1"); ?> a) dlroW olleH b) olleH dlroW c) Hello dlroW d) None of the above (vii) Which is not an objective of network security? Select the correct option

(viii) Which of the following function is used to compute the difference between two arrays in PHP? Choose the correct option-

a) Identification

c) Access control

b) Authentication

d) Lock

liv	a) diff_array c) arrays_diff Which of these is a part of a continuous arrays.	b) array_diff d) diff_arrays	٠,
(11	Which of these is a part of network identification a) UserID	b) Password	
10	c) OTP	d) fingerprint	
(×,	CHAP stands for, Select the correct opti		
	 a) Challenge Handshake authentication protocol 	 b) Challenge Hardware authentication protocol 	
(xi	c) Circuit Hardware authentication protocol An algorithm in encryption is called	d) Circuit Handshake authentication pro , Select the correct option	otocol
	a) Algorithm	b) Procedure	
	c) Cipher	d) Module	
(xii) Which of the following is not a variable scope in	n PHP? Choose the correct option-	
	a) Extern	b) Local	
	c) Static	d) Global	
(xii) Network layer firewall works as a,		
	a) Frame filter	b) Packet filter	
	c) Content filter	d) Virus filter	
(xiv) A firewall is installed at the point where the sec external network meet which is also known as	ure internal network and untrusted	
	a) Chock point	b) Meeting point	
	c) Firewall point	d) Secure point	
(xv) How many host bits are used for the classless IP address 120.234.25.86/28? Examine and choose the correct option.			
	a) 4 bits	b) 6 bits	
	c) 14 bits	d) 28 bits	
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Group-B (Short Answer Type Questions)			3 x 5=15
	(Short Answer Ty	pe Questions)	2 % 2-12
. .	Santa Talant ETD with overening		(3)
	viscuss Telnet, FTP with examples. Determine the difference between get and post m	ethod	(3)
	iscover the process of concatenating two strings		(3)
	tate the procedure to calculate the length of a st		(3)
6. Justify Denial-of-service attack.			(3)
	OF	t	. ,
٧	Vrite the use of session and cookies in PHP.		(3)
	Grou	p-C	
	(Long Answer Ty		5 x 6=30
		· · · · · · · · · · · · · · · · · · ·	
	Define the recursive resolution of DNS by a neatly labelled diagram. Describe the term DNS.		(5)
8.	Explain an effective communication between a server and a client.		(5)
	Justify the basic principle of security. Distinguish active attack, passive attack with example.		(5)
). Construct a simple HTML form and accept the user name and display the name through PHP echo statement.		(5)
	Represent an HTML page with the following features: Hyperlink, navigation buttons, tables, forms.		
	llustrate by program- to sort an array of dates in OR		(5)
Illustrate by program- to Remove Special Character from String in PHP. (5)			

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