## Paper / Subject Code: 88705 / Enterprise Networking

TIME: 21/2 Hours	5	Contraction of the second	1300	Total Marks: 75	5
N. B.: (1) All questions are compulsory. (2) Make suitable assumptions wh (3) Answers to the same question of (4) Numbers to the right indicate of (5) Draw neat labeled diagrams who were to the near labeled diagrams who were the near labeled diag	must be <u>wri</u> narks herever <u>nec</u>	tten togethe cessary.		assumptions mad	e.
1. Attempt any three of the following	:	783	100	6	15
a. Explain the Architecture for Enterpr	~~	1. F	.6	300	ST
b. What are the different layers of Hier	and,	(20)	n? Expla	ing of	5
c. Define Enterprise Campus Module:		, ag		the street	
d. Discuss the PPDIOO phases in detail	1. A		900		10
e. Write a short note on the Network cl	hecklist.	(2)	120	37	
f. Explain the terms RDP, RIP, GLBP	and ARP.	6 AS		70, 22,	
2. Attempt <u>any three</u> of the following	10.	in FAN door	25		15
<ul><li>a. List out and explain the hardware de</li><li>b. Explain the states of STP switch por</li></ul>	1	in LAIN desig	Suo.		
	5			35	
d. What are the challenges in Data Cer	100	t practices fo	or the sa	me?	
e. Define Data Center Cooling in detail	~	ap.	7		
f. Write a short note on different types	10	zations.			
		1	4		
3. Attempt any three of the following	: 4	6	728/		15
a. Write a short note on WLAN Securi	13,00		2		
b. Explain the following terms:	? <u>"</u>	3			
(i) Full Mesh topology (i.) Partial M	esh topolog	y (iii) Point	to Point	Topology.	
c. What is Unified Wireless Network (	UWN)? Exp	plain the eler	nents of	'UWN	
architecture.					
d. Compare the WLC components and	the WLC in	iterfaces.			
e. What is wireless technology? List or	it the differe	ent wireless i	mpleme	entations.	
f. Discuss DMZ Connectivity in detail	. 6				
	1				

## Paper / Subject Code: 88705 / Enterprise Networking

4.	Attempt <u>any three</u> of the following:
a.	Write a note on the IPv4 Header structure in detail.
b.	List out the different types of IPv6 Address.
c.	What are the techniques for IPv4-to-IPv6 Transition Mechanisms?
d.	Write down the different types of IPv6 Address Assignment Strategies.
e.	Define BGP? Explain the BGP attributes.
f.	Explain the OSPF LSA types.
5.	Attempt any three of the following:
a.	Write a short note on Risk Assessment Components and Risk Index.
b.	List out the different security threats.
c.	Define i) SNMP ii) CDP
d.	What are the key aspects of Encryption Fundamentals?
e.	Explain Network Access Control in detail.
f.	What are the recommended guidelines while implementing firewalls?
70.	
	**********