SUB: ADDANCE				Dt. 30109	-110	
B.E. (ETRX)	VIII SEM.	CBGS	Advance Het	and ind	116	
			Technologi	وا		
	O.P. Code : 733701					
Q.r. Code . 755/01						
		(3 Hours	s)	[Total Marks :	: 80	
222 00						
N.B.: (1)	•					
(2)						
	(3) Figures to the right indicate full marks.(4) Assume suitable data wherever required.					
(4)	Assume suitable d	ata wnereve	r required.			
1. Attem	pt any Four from the	he following			20	
	a) Draw and descri				20	
			at with neat diagram.			
,	c) Describe the ten		at with heat diagram.			
(d) What is the need of DWDM? Explain its working principle.						
(e) Draw and explain different states of devices in Bluetooth.						
,	,					
2. (a) Describe ubiquitous and hierarchical access and compare them.					10	
(b) With the neat diagram, explain frame format of Frame Relay, How congestion 10						
con	trol is implemented	in it.				
	UN				n	
3. (a) Explain Bluetooth protocol stack.					10	
(b) Exp	olain ATM protocol a	architecture i	n detail.		10	
					100	
			R-WPAN Device arch		10	
0,					10	
	Documentation					
(,	2) OAM & P					
5 (a) Evr	dain network ceòuri	ty threate and	d network security sa	femards	10	
			ities and limitation of fi		10	
	erent types of firewa		and minimum or in			
6. Write	a short note on Any	Four:			20	
	n) NAT					
.(£	Role of VCI and	VPI in AT	M			
(0	SNMP					
(0) Steps for compl	eting the Ac	cess N/W Design			
(6	e) Packet filtering					
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