CBCS SCHEME

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SN										S	(E)			15CS46
	L	Fou	rth	Sei	mes	ter	· B.F	E. D	⊐ egree E	xamin	ation,	June/J	uly 20	18
									omm	CANCEL 18			-	
`im	ie: 3	hrs.								9.			Max.	Marks: 80
	N	ote: An	swer	anı	, F I	VE i	full g	uestic	ons, choos	sing one	full que.	stion fro	m each r	nodule.
						,	•	. Æ	1 mg		•	-		
		Module-1 Define Data Communication. Explain any two fundamental characteristics of communication and basic network topology. (08 M												
	b.	List out the causes of transmission impairment. Explain the characteristics of analog												of analog and (08 Marks)
				100	, ZAŽ	<i>)</i>	• 1	F1.	OR)to a.o.	Laudtan	ith noot	diaaram	(00 Monks)
2	a. b.	- m which the following conver												ving sequence
	υ.								ar scheme		1			(08 Marks)
									Modul	<u>e-2</u>				
	a.	List or	it the	e ty	pes	of	transr	nissio	on modes	Explain	n the st	eps of p	ulse co	de modulation
		process	s, wit	h ar	exa	ımpl	le.	ulatia	n process,	with cui	table ev	amnle		(08 Marks) (08 Marks)
	∵D′	Expiaii	1 151	K ar	ia Q.	Alvi	mout	aiatio		with sur	itable ex	ampie.		(P) (C)
1	a.	Define	Mıı	lt in	lexin	10.	Expla	iin s'	OR vnchronou	s TDM	with c	lata rate	manage	ement and its
		limitati	ions.											/ (10 Marks)
	b.	List ou	t thre	ee p	hase	s of	circu	it — s	witched ne	etwork. E	Explain I	Data gran	switc	ched network. (06 Marks)
			_			.			Modul	<u>e-3</u>	Y fam alk		word 10	M1 and divisor
	a.	Define 1011.	Cyc	lic	code	;. F1	nd th	e coc	iewora us	ing CRC	, for giv ंुः	en uata	word 10	01 and divisor (08 Marks)
	b.	Define	Fran	nes.	Exp	olair	the s	steps /	of flow co	ntrol at c	lata link	layer wit	h diagra	•
					•			•	OR	(46 T			
	a.	Explai	n Sto	р –	and	- W	/ait pr	rotoco	ol with nea	ıt diagra	m.			(08 Marks)
	b.	Explai	n the	fra	me s	truc	ture o	of PPI	P protocol	, with ne	at diagra	ım.		(08 Marks)
								_	<u>Modu</u>		7G) 1 1 1G			(10 Manha)
	a.	List or	it the	Ra	ndor	n Ao	cess	Proto	cols and e	Explain C	SMA/C	A.		(10 Marks) (06 Marks)
	b.	List of	n ena	anne	iizai	HOH	proto	COIS.	Explain C					(,
		Evalo	n W	irole	·cc _	ΙΔ.	N wi	th ne	OR at architec		list out i	its charac	teristics.	. (08 Marks)
	a. b.	Explai	n the	lay	ers (of B	lueto	oth, v	vith neat d	iagram.				(08 Marks)
	٠.	•				, (G	x co An	,	Modu	le-5				
)	a.	List th	e dif	fere	nce	bety	veen I	PV ₄	and IPV ₆ .	Explain	any two	methods	of conv	erting from
	_	IPV₄ t	o IP	V ₆ .	(22)	200								(08 Marks) (08 Marks)
	b.	Expla	in the	: IP	Data	agra	m, He	eader	format, w	un neat	uragram.			(no minima)

OR

Define Home address in mobile IP. Explain three phases for communication in mobile IP. 10 (08 Marks)

b. Define WiMax. Explain fourth generation (4G) of cellular telephone. (08 Marks)