QP Code: 30397

			(3 Hours)	[Total Marks	:80
N.	.B. : (1	() Question no. 1 is	compulsory.		
	(2	2) Attempt any thre	e questions from the remaining.		1
	(3	3) Assume suitable of	data, if required.		
1.	200	Define broker archi in a broker system	tectural pattern. Explain with a diag	gram objects involved	10
	(b)	Define Architectura	l Model, View and Viewpoint		6
	(c)	What is dynamic ar	nd scenario based analysis	. 10	4
2.	(a)	Explain Network ar	chitecture (Cloud)		10
	(b)	How architectural sty	le differs from architectural pattern. Ex	plain with an example?	10
3.	(a)	Explain architecture	with respect to Wireless Network		10
	(p)	Explain designing o	f non-functional properties?		10
4	(a)		patterns, reference models and refernship between them?	ence architectures and	6
	(b)		process recommendations as used l	by an architect while	4
	(c)	What steps involve	ed in implementing the microkernal	system	10
5.	(a)	Briefly explain the	benefits of master slave design patt	ern .	6
	(b)	Explain with neat d	liagram the evolutionary delivery lif	e cycle model.	6
	(c)	Explain different va	ariations of procedure call and linka	ge connectors.	8
6.	(a)	Explain different va	ariation of procedure call and linkag	ge conectors.	8
	(b)	What is the different inconsistency.	ce between internal and external cons	istency? Explain name	10
	(c)	Explain Domain an	d style specific ADLS?		10

QP Code: 30421

80 marks

3 hrs.

NB:

	0	1	. Question 1 is compulsory	
		2	and the state of t	10
		3		The same
	01	3	. Assume success of the same same same same same same same sam	←
	Q1.	2)	List and briefly explain various services of NGN	(5)
		b)		(5)
	18 F	c)		(5)
×			Explain Transmission hierarchy of media.	(5)
		uj		
	Q2.		Explain what is Evolution Data Optimized (EVDO)	
	Q2.	a)	Explain what is Evolution Data Optimized (EVDO)	(10)
		۳)	and Ultra Mobile Broadband (UMB). Explain its uses	
		b)	Explain the function of Resource and Admission Control function.	(10)
		U)	How does RACF interfaces with NACF	(/
	Q3.	*	Thow does rever intertaces with the	
	Qs.	9)	Draw and give details how an IMS session is established	(10)
		h)	Explain OSS transition strategies and justify the importance of standards	
		U)	Displant Coo Electronic Control of the Control of t	
	Q4.			
	Q11	a)	Justify the need of MANET protocols. Explain the advantages and	(10)
			disadvantages of proactive protocols over reactive protocols.	0.5
		b)	1 11 7016	(10)
		,	Explain with the help of an example.	11 (2
	Q5.		40	
		a)	Compare Bluetooth and Zigbee technologies. What are the components &	k (10)
			applications of Zigbee, explain in detail.	
		b)	Explain LTE in detail, how it is effective in reducing power and space	(10)
			requirements.	
	Q6.		xplain any 2	(20)
			Compare MiP6 and IP6	
			PSTN/ ISDN Emulation Component	
		c)	Management Function (FCAPS)	10 8
				33