TE (1.T)

Q.P. Code: 594801

			(3 Hours)	[Total Marks: 80	)
N	B. :	<i>(</i> 1)	Question 1 is Compulsory.		
T 4 *		(1) (2)	Attempt any 3 questions out of the rest		
		(2)	Figure to the right indicate <b>full</b> marks.		X
		( <i>3)</i> (4)	All question carry equal marks.		
		(T)	An question carry equal marks.		
1. Att		empt 1	the following:	272	0
		(a)	Explain implementation of sequential consister	ncy with non	32 <b>-</b>
			replicating migrating blocks strategy.	JOX.	
		(b)	Which .Net component makes .NET platform	andlanguage	
			independent? Exlpain how it works.		
		(c)	Explain Parameter passing Semantics in RPC		
		(d)		tion algorithm.	
2.	(a)	Nam	ne four different distributed deadlock detection algori	ithms. Explain 1	0
			e-based distributed deadloack detection algorithm	10-3	
		exan			
	(b)	Expl	ain RPC Communication Protogol		0
		-			
3.	(a)	Defi	ne Happened-Before relationship. Explain implementa	ation of logical 1	0
			ks with an example		
	(b)	Desc	cribe.NET architecture with neat labeled diagram		0
4.	(a)	Expl	ain migration in heterogeneous system.		0
	(b)		ain desirable features of a good message passing sy	stem. 1	0
	1 NOES				
5.	(a)	Expl	ain with respect to EJB -Roles in EJB and types of	Beans 1	0
	(b)	Expl	ain various distributed computing models.		0
6	Wri		eș on following:	2	0
		(a) ;	RMI Execution		
		(b)	Components of EJB framework		
		(c)	Message Buffering in IPC		
		(d)	SOA lifecycle		