		Time: 3 Hours	Marks: 80	3
	<ol> <li>Question 1 is compulsory.</li> <li>Attempt any three from the</li> <li>Assume suitable data when</li> </ol>	e remaining five questions.		19 KS T PS ( )
1	b.) Explain Cache Affinity.	by Hybrid Kernel? Give suitable of Real Time and Soft Real Time ts role in distributed system.	[5]	
2	<ul><li>a.) What is buffer cache? Des</li><li>b.) What is U Area? Explain</li></ul>	scribe the structure of the buffer in detail.	header. [10 [10	
3		sign issues in distributed computed independency during Inter-Pro		
4	b.) What are the criteria for s Compute suitable frame s	ock Driven and Event Driven schelecting appropriate frame size size for the following. e stands f tands for deadline. All the timin	in cyclic scheduler? [10 or executing time, p	_
5	a.) Explain Test & Set lock a Test & Set algorithm.	lgorithm. Discuss the benefits o	f Test Test & Set over [10	)]
	b.)Explain non-uniform mem coherency in NUMA type	nory access (NUMA) architectures multiprocessor.	re? Explain cache [10	)]
6000	a.)Discuss various issues of c b.)Explain Android OS archi		[10 [10	