Reg. No.:

Question Paper Code: 46204

B.E. / B.Tech. DEGREE EXAMINATION, DEC 2020

Sixth Semester

Computer Science and Engineering

	14UC	S604 - DISTRIBU	JTE	ED SYSTEMS				
(Regulation 2014)								
	Duration: 1.15 hrs				Maximum: 30 Marks			
		PART A - (6 x 1	= 6	6 Marks)				
	(Answer any six of the following questions)							
1. The is also a very large distributed system.								
	(a) Internet (b)	WWW ((c)	Web service	(d) Server			
2.	2. which common characteristics can be used to assess distributed systems?							
	(a) Resource Sharing(c) Scalability		` '	Concurrency All the above				
3.	TCP provides the abstraction of a stream between pairs of processes.							
	(a) two-way(c) multi-way			single-way none of these				
4.	The send operation is non-have blocking and non-block	_	end	ling process. The	e receive operation ca			

- can
 - (a) synchronous form of communication
 - (b) Asynchronous form of communication
 - (c) both (a) and (b)
 - (d) none of these
- 5. In distributed systems, link and site failure is detected by,
 - (a) Polling (b) Handshaking
- (c) Token passing (d) None of the mentioned

6.	The contention for the usage of a hard	dware device is called as					
	(a) Structural hazard	(b) Stalk					
	(c) Deadlock	(d) None of these					
7.		ibility of building a useful large-scale service omputers owned by ordinary Internet users.	that				
	(a) Napster (b) legacy	(c) Global state (d) Transaction					
8.	-	y system designed to exploit a large num d distribution of workload across them.	ber of				
	(a) Global scalability	(b) Load balancing					
	(c) dynamic host	(d) functional requirements					
9.	. If a collection of processes share a resource or collection of resources, theis required to prevent interference and ensure consistency when accessin the resources. This is the critical section problem.						
	(a) Concurrency Control(c) mutual exclusion	(b) Transactions(d) Deadlock					
10.	Abstraction of a single activity						
	(a) Process (b) Thread	(c) Region (d) Program					
	PART –	B (3 x 8= 24 Marks)					
11.	Describe how to compare and con	ee of the following questions) ontrast cloud computing with more traditional coll about cloud computing as a concept?	elient-				
12.	Discuss about System Models.		(8)				
13.	Explain the main task of the Distribution of t	cributed algorithm which is used for locating	(8)				
14.	Compose the followings: (i) Cloc	cks (ii) Events (iii) Process States (iv) UTC.	(8)				
15.	Explain about distributed shared design and implementation.	memory with neat sketch. Also discuss its iss	sues in (8)				