Wednesday, May 22, 2019   10:30 am - 01:30 pm   1T00145 - M.C.A. (Sem. V)(Choice Base) (R-2018-19) / 56602 - Advaned Distributed Computing 69028

[3 Hours]   **[Total Marks : 80]**

Please check whether you have got the right question paper.

N.B: 1. **Q.1** is **compulsory**.
2. Attempt **any three** out of remaining **five**.
3. **Figures** to the **right** indicate **full marks**.

1.	A)	What is distributed cloud computing? Describe distributed computing system models.	**(10)**
	B)	Explain in detail cloud deployment models.	**(10)**
2.	A)	What is scope of parallel computing? Explain applications of parallel computing	**(10)**
	B)	What are commonly used semantics for ordered delivey of multicast meassages? Explain in detail casual ordering.	**(10)**
3.	A)	What are features of good global scheduling algorithm. Explain task assignment approach in detail?	**(10)**
	B)	Differntiate between grid computing and cloud computing.	**(10)**
4.	A)	What is RPC model? Explain in detail complicated RPC.	**(10)**
	B)	Explain in detail issues in designing a distributed operating system.	**(10)**
5.	A)	What is process management? Explain features of a good process migration.	**(10)**
	B)	What is logical clock concept? Explain implementation of logical clocks with suitable diagram.	**(10)**
6.	A)	Explain implementation of sequential consistency model with suitable diagram.	**(10)**
	B)	Write a short note on the following :	**(10)**

     I. SOA
    II. Virtulaization
   III. Identity and access management
   IV. CORBA

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