SSLC, HSE, DIPLOMA, B.E/B.TECH, M.E/M.TECH, MBA, MCA

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Questio	n Paper Code : 9	1411
Comp CS 6703 – (Comn (Also Common to PTCS 670	XAMINATIONS, NOVEMB Seventh/Sixth Semester outer Science and Engineeri GRID AND CLOUD COMP non to Information Technolo (Regulations 2013) 13 — Grid and Cloud Compu- ter Science and Engineerin	ng PUTING ogy) ting for B.E. Part-Time –
Time : Three Hours		Maximum: 100 Marks
and the ofference of	Answer ALL questions	
	PART - A	(10×2=20 Marks)
1. Define Grid computing.		
 What is the impact of SC What are the requirement 	OA in cloud ? nts for the web services based	on OGSI ?
4. What is the need for data	a intensive grid service model	s ?
5. List the pros and cons of	cloud computing.	
6. Give the significance of	virtualization for data center	automation.
7. What is the usage of Glo	bus?	
8. State the significance of	heart beat message in Hadoo	p.
9. Differentiate between au	athentication and authorization	on.
10. List out the key privacy	issues in cloud.	
	PART – B	(5×13=65 Marks)
11. a) Illustrate the evolution (OR	on of distributed computing to	grid and cloud computing.
b) Describe the grid arc	hitecture.	
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12. a) Illustrate the	e detailed view of OGSA/OGSI.	
	(OR)	
b) Explain abou	at the OGSA services.	\ \ (
13. a) Illustrate the	cloud delivery models in detail.	23/11/1
b) Illustrate the	e design of a large-scale virtual cluste	on curatam
	Globus toolkit architecture.	er system.
and the second	(OR)	
	design of Hadoop file system.	And the Park of th
10. a) Explain the g	rid and cloud security infrastructure (OR)	e. sameli gouell's son
b) Describe the I	IAM practices in Saas, PaaS and Iaa	S availability in cloud.
(minute or execu-	PART – C	(1×15=15 Marks)
16. a) Compare and	contrast the cloud deployment mode	AND THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED ADDRESS OF THE PERSON NAMED ADDRESS OF THE PERSON NAMED ADDRESS
, ,	(OR)	els,
b) Analyze how computing on	MapReduce framework supports plarge data sets with a suitable exam	parallel and distributed
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