R13

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
B. Tech IV Year I Semester Examinations, April/May - 2018
CLOUD COMPUTING
(Computer Science and Engineering)

Time: 3 Hours　　　　　　　　　　　　　　　　　　　　**Max. Marks: 75**

Note: This question paper contains two parts A and B.
Part A is compulsory which carries 25 marks. Answer all questions in Part A. Part B consists of 5 Units. Answer any one full question from each unit. Each question carries 10 marks and may have a, b, c as sub questions.

PART – A
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　(25 Marks)

1.a)	Explain about parallel computing.	[2]
b)	Discuss about virtualization of data centers.	[3]
c)	What is Cloud computing? Explain it.	[2]
d)	What are the benefits of migration into cloud? Explain.	[3]
e)	Explain about comet cloud.	[2]
f)	Discuss about Platform as a service (PAAS) in cloud.	[3]
g)	What is SLA Mangement in Cloud? Discuss.	[2]
h)	Explain about resource cloud mashups.	[3]
i)	Discuss about legal issues involved in cloud computing.	[2]
j)	What is change management in cloud age? Discuss.	[3]

PART – B
　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　　(50 Marks)

2.	How distributed system models are useful for enabling technologies? Discuss.	[10]
	OR	
3.	How computer clusters are useful for scalable parallel computing? Explain.	[10]
4.	Explain about Enterprise cloud computing paradigm.	[10]
	OR	
5.	How to enrich the 'integration as a Service' in cloud computing? Discuss.	[10]
6.	Explain how cloud computing environment is enhanced with cluster as a service.	[10]
	OR	
7.	Explain how security is provided to distributed data storage in cloud computing.	[10]
8.	Explain about best practices in architecting cloud applications in AWS cloud.	[10]
	OR	
9.	Explain how the performanceis predicted for HPC on cloud computing?	[10]
10.	Discuss in detail about data security in cloud.	[10]
	OR	
11.	How to achieve production readiness for cloud services? Explain in detail.	[10]

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