

SUBJECT CODE:- 468
FACULTY OF ENGINEERING AND TECHNOLOGY
B.E.(CSE) Examination Nov/Dec 2015
Elective-I: Cloud Computing
(Revised)

[Time: Three Hours]

[Max. Marks: 80]

“Please check whether you have got the right question paper.”

N.Bi) Question no. 1 and 6 are compulsory.

ii) Attempt any two questions from the remaining in each section.

Section A

- Q.1 Solve any two question.
- i. Explain in detail about communication as – a-service 05
 - ii. Mention various benefits to a consumer by utilizing cloud computing services. 05
 - iii. Write short note on desktop virtualization 05
- Q.2 a) Describe in detail about infrastructure -as-a-service and also discuss various benefits and drawbacks of this service. 08
b) Explain in detail about amazon’s EC2 and also brief on various services provided by Amazon web services. 07
- Q.3 a) Define cloud computing. Enlist and describe various deployment models of cloud. 08
b) Explain in detail client – server architecture with a neat diagram. 07
- Q.4 a) Define web-service. Explain REST web –service in detail and also compare RESTFUL with SOAP web service 08
b) Define virtualization. Explain the concept of full virtualization and para virtualization 07
- Q.5 a) Explain in detail software –as-a-service along with benefits and drawbacks. 08
b) Describe service oriented Architecture (SOA) in detail. 07

Section – B

- Q.6 Write short notes on (any two) 10
- i. Pig
 - ii. MEMS
 - iii. Aspects of data security.
- Q.7 a) What are the different building blocks of Hadoop? Explain in detail. 08
b) Explain parallel efficiency of Map-Reduce in detail. 07
- Q.8 a) Explain in detail different types of mobile devices used to access mobile web services in cloud computing. 08
b) Explain in detail context-aware services 07
- Q.9 a) Explain in detail big-table and Dynamo data bases in cloud 08
b) Describe various security concerns of infrastructure security at host level. 07
- Q.10 a) Which security concerns should be considered while dealing with infrastructure security at network level? 08
b) Define privacy. Explain in detail data life cycle 07