

Total No. of Printed Pages:02

SUBJECT CODE NO:- E-389
FACULTY OF ENGINEERING AND TECHNOLOGY
B.E.(CSE) Examination Nov/Dec 2017
Elective-I: Cloud Computing
(REVISED)

[Time: Three Hours]

[Max.Marks:80]

N.B Please check whether you have got the right question paper.

- N.B
- 1) Question No.1 and Question No. 6 are compulsory.
 - 2) Attempt any two Questions from each Section from remaining.
 - 3) Figures to the right indicate full marks.

Section A

- Q.1 Write short notes on any two. 10
- a) Network virtualization.
 - b) Communication – as – a – service
 - c) Cloud computing Reference architecture by IBM.
- Q.2 a) Depict software – as – a- Service. Mention out Advantages, Drawbacks and Providers of SAAS. 07
- b) Define virtualization. Brief on the types of virtualization.
- Q.3 a) Explain in detail about Amazon EC2 along with its associated services provided by Amazon. 08
- b) Describe client-server architecture in detail. 07
- Q.4 a) What is Web-service? Explain in detail about SOAP Web-Service. 08
- b) What is SOA? Explain in detail. 07
- Q.5 a) Explain in detail about PAAS. Also Brief on the benefits and drawbacks of PAAS. 08
- b) Explain Google App Engine in detail. 07

Section B

- Q.6 Write short notes on any two. 10
- a) Sqoop
 - b) OOOie
 - c) Location Awareness.
- Q.7 a) Explain in detail about Mobile interoperability to access Mobile web services. 08
- b) Brief on Micro electro mechanical systems in detail. 07
- Q.8 a) Explain the Cloud File Systems in detail. 08
- b) Explain in detail about Infrastructure security at Application level. 07
- Q.9 a) Explain Various aspects of data security in cloud. 08
- b) What are the key privacy concerns in cloud. 07
- Q.10 a) Derive the parallel efficiency of Map-Reduce. 08
- b) Define Big data. Mention and brief on Characteristics of big data. 07