

(Time: 3 Hrs)

(Marks = 80)



- N.B. (1) Question no. 1 is compulsory.  
(2) Attempt any three from remaining five questions.  
(3) Assume suitable data, if necessary.

- Q1. a. What are cloud computing characteristics? 05  
b. Differentiate between different types of virtualization? 05  
c. Discuss SaaS maturity models? 05  
d. Explain different cloud service deployment models? 05
- Q2. a. Explain features and modes of Eucalyptus in detail. 10  
b. Explain Xen architecture in detail. 10
- Q3. a. Explain Architecture of Google File System? 10  
b. Explain cloud data Security challenges? 10
- Q4. a. Explain techniques for the risks assessment and Management for cloud? 10  
b. Explain AAA model for cloud computing? 10
- Q5. a. Analyze the impact of shared resources and Multi-Tenancy on cloud app? 10  
b. What are the fundamental requirements for cloud application architecture? 10
- Q6. Write a note on 20  
1. Cloud Service Brokerage  
2. Challenges of Mobile cloud Computing  
3. Amazon Web Service (AWS)  
4. Advantages of Big Table