Duration – 3hrs　　　　　　　　　　　　　　**Marks- 80**

N.B. (1) Question no. 1 is compulsory.
　　　(2) Attempt any three from remaining five questions.

Q1.
a. Explain the component of Cloud computing. **05**
b. Discuss cloud service models **05**
c. Explain benefits associated with virtualization. **05**
d. Draw Out the comparison between KVM and XEN Hypervisor. **05**

Q2.
a. Explain the features of open Stack in detail. **10**
b. What does the acronym PaaS and IaaS mean? How does it relates to Cloud computing? **10**

Q3.
a. Discuss CIA triad of information system security. **10**
b. What is Everything-as- a-service (XaaS)? Explain in detail. **10**

Q4.
a. What is VMM? Explain in short implementation levels of virtualization. **10**
b. Draw and Explain in short cloud computing security architecture? **10**

Q5.
a. Explain architecture of Mobile Cloud Computing .What are the Benefits and challenges of Mobile Cloud computing? **10**
b. Discuss the role of Cloud Computing in Business and customer applications **10**

Q6. Write a note on **20**
1. AAA model.
2. Application of Cloud in multiplayer.
3. Eucalyptus cloud.
4. Application of Cloud in CRM

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