SEAT No. :

P266

BE/INSEM/APR-594
B.E. (Computer) (Semester - II)
410253C: CLOUD COMPUTING
(2015 Pattern) (Elective - IV)

Time : 1 Hour]   *[Max. Marks : 30*

Instructions to the candidates:

   1) *Solve Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6.*

   2) *Figures to the right indicate full marks.*

   3) *Assume suitable data, whenever necessary.*

Q1) a) Explain involvement of cloud computing in an organization. Explain its types. **[5]**

    b) Write a note on multitenant nature of SaaS solution. **[5]**

OR

Q2) a) Explain the information security concerns associated with data stored in cloud. **[5]**

    b) How to improve performance in cloud through load balancing? **[5]**

Q3) a) Write a note on cloud file system with architectures. **[5]**

    b) Discuss Hbase Data Model. **[5]**

OR

Q4) a) What are the security challenges in cloud computing? **[5]**

    b) Explain Bigtable architecture with suitable diagram. **[5]**

Q5) a) Explain in brief Virtual Clusters and Resource Management. **[5]**

    b) Explain the Live Migration steps. **[5]**

OR

Q6) a) Explain Structure, Tools and Mechanisms of Virtualization. **[5]**

    b) Write a note on solution stacks: LAMP and LAPP. **[5]**

❈ ❈ ❈