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SEAT No. :

P266

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**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]

