[5561]-290

B.E. (Computer Engineering)
CLOUD COMPUTING
(2012 Pattern) (Semester-II) (410451 C) (Elective-III)

Time : 2½ Hours]   *[Max. Marks : 70*
Instructions to the candidates:
1) *Answer Q.1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10.*
2) *Figures to the right indicate full marks.*
3) *Neat diagrams must be drawn wherever necessary.*
4) *Assume suitable data, if necessary.*

Q1) a)   Explain the role of networks in cloud computing.   **[5]**

     b)   Explain cloud computing reference model.   **[5]**

OR

Q2) a)   Differentiate between openstack, opennimbus & Eucalyptus.   **[5]**

     b)   Explain green field and brown field deployment with it's example.   **[5]**

Q3) a)   Write pros and cons of virtualization.   **[5]**

     b)   Explain KVM in detail.   **[5]**

OR

Q4) a)   Explain rm scheduling techniques.   **[5]**

     b)   Explain HDFC file system.   **[5]**

Q5) a)   Explain virtual machine provisioning and migration services in detail. **[8]**

     b)   Explain SLA commitment.   **[8]**

OR

Q6) a) Explain anatomy of cloud infrastructure. **[8]**

b) Explain cloud ready converged infrastructure. **[8]**

Q7) a) Explain architecture for federated cloud computing. **[6]**

b) Explain types of SLA. **[6]**

c) Differentiate SOAP and REST. **[6]**

OR

Q8) a) Explain life cycle of SLA. **[6]**

b) Explain software defined approach and techniques for managing IT resources. **[6]**

c) Explain the phases of cloud service life-cycle. **[6]**

Q9) a) Explain security–As–A–cloud service. **[8]**

b) Explain global risk and compliance aspects in cloud environments. **[8]**

OR

*Q10)*a) Explain in detail IAM architecture. **[8]**

b) Explain in detail digital identity and access management. **[8]**

❧❧❧❧