

Total No. of Questions : 10]

SEAT No. :

P2341

[Total No. of Pages : 2

[5254]-676

B.E. (Computer Engg.) (Semester - II)

CLOUD COMPUTING

(2012 Pattern) (Elective - III (C))

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8, Q9 or Q10.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume Suitable data if necessary

- Q1)** a) Define and explain any five characteristics of cloud computing. [5]
b) Write a short note on open stack. [5]

OR

- Q2)** a) Elaborate IaaS, PaaS and SaaS. [6]
b) Explain the cloud deployment models. [4]

- Q3)** a) Write a short note on : Xen. [5]
b) Elaborate taxonomy of virtualization techniques. [5]

OR

- Q4)** a) Write a short note on : Dynamo. [5]
b) Write a short note on SAN and NAS. [5]

- Q5)** a) Elaborate scheduling techniques in the context of cloud computing. [8]
b) Explain and elaborate virtual machine provisioning process. [8]

OR

P.T.O.

- Q6)** a) Explain Distributed management of virtual machines. [8]
b) Explain Anatomy of cloud Infrastructure. [8]

- Q7)** a) Elaborate the model for federated cloud computing with suitable diagram. [6]
b) Elaborate performance related issues of HPC in cloud computing. [6]
c) Explain cloud interface standards along with SOAP and REST. [6]

OR

- Q8)** a) Explain types of SLAs in detail. [6]
b) Elaborate cloud service life cycle phases in detail. [6]
c) Differentiate between "classical HPC" and "HPC in cloud Environment". [6]

- Q9)** a) What are the security risks involved in context of cloud computing? [8]
b) Explain digital identity and Access management. [8]

OR

- Q10)** a) Elaborate various techniques for data security in cloud computing. [8]
b) Write a short note on "Security As-A-Cloud Service. [8]

