

Total No. of Questions : 10]

SEAT No. :

P1972

[Total No. of Pages : 2

[4859]-1064(A)

B.E. (Information Technology) (Semester - I)

CLOUD COMPUTING (End Sem.)

(2012 Pattern) (Elective - I)

Time : 3 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) Figures to the right indicate full marks.*

Q1) a) Discuss pros and cons of CC. **[5]**

b) Explain applications of virtualization. **[5]**

OR

Q2) a) Explain the cloud cube model. **[5]**

b) Explain different levels of virtualization. **[5]**

Q3) a) State and describe life cycle of SLA. **[6]**

b) Define following terms **[4]**

i) Community Cloud

ii) Hypervisor

OR

Q4) a) Explain the model for federated cloud computing. **[6]**

b) Explain in brief following terms : **[4]**

i) Public cloud economics

ii) Vmware

Q5) a) Discuss with diagram surfaces of attacks in Cloud Computing. **[8]**

b) What are the several useful implications of the fact that 'OS state is saved in file and copied & shared'? **[8]**

P.T.O.

OR

- Q6)** a) Enlist & describe security risks posed by shared images. [8]
b) Define steps to build DomU managed by Dom0. [4]
c) Discuss the nasty tricks played by malicious Dom0. [4]

- Q7)** a) Describe Amazon EC2 cloud in brief considering following points: [8]
i) AMI & Instances
ii) Amazon S3
iii) Databases
iv) Amazon Cloud Watch
b) Explain with diagram the term 'Cloud Stack'. [8]

OR

- Q8)** a) Explain Google App Engine with diagram. [8]
b) Explain the open source cloud 'Eucalyptus'. [8]

- Q9)** a) Explain in brief any two ubiquitous computing applications. [8]
b) State and explain with diagram Human Centered Design Life Cycle. [10]

OR

- Q10)** a) Write short note RFID tag. [8]
b) Describe in brief any five network design issues. [10]

