

Total No. of Questions : 10]

SEAT No. :

P3181

[Total No. of Pages : 2

[5354]-698

B.E. (Information Technology)

CLOUD COMPUTING

(2012 Pattern) (Elective - I) (Semester - I)

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 side indicate full marks.*
- 4) *Use of Calculator is allowed.*
- 5) *Assume Suitable data if necessary.*

- Q1)** a) Describe characteristics of Cloud Computing. [6]
b) Explain any two advantages of Virtualization. [4]

OR

- Q2)** a) Explain the cloud cube model. [5]
b) State and explain life cycle of SLA. [5]

- Q3)** a) Compare following Hypervisors in brief. [6]
i) KVM
ii) HyperV
b) What is Community Cloud? Explain. [4]

OR

- Q4)** a) Explain the model for federated cloud computing. [6]
b) Explain in brief server virtualization. [4]

- Q5)** a) Discuss with diagram surfaces of attacks in Cloud Computing. [8]
b) Describe in brief OS security. [8]

OR

P.T.O.

- Q6)** a) Enlist & explain cloud security threats. [8]
b) Discuss two ways of determining Trust. [8]

- Q7)** a) Write short note on Amazon EC2 cloud. [8]
b) Explain with diagram the term 'Cloud Stack'. [8]

OR

- Q8)** a) Draw and explain Google cloud structure. [8]
b) Explain the open source cloud. [8]

- Q9)** a) Write short note RFID tag. [8]
b) State and explain with diagram Human Centered Design Life Cycle. [10]

OR

- Q10)** a) Explain in brief any two ubiquitous computing applications. [8]
b) Describe in brief any five network design issues. [10]

