

Total No. of Questions : 10]

SEAT No. :

P2355

[Total No. of Pages : 2

[5254] - 688
B.E. (I.T.) (Semester I)
CLOUD COMPUTING (Elective - I)
(2012 Pattern)

Time : 2½ hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) *All questions are compulsory.*
- 2) *Figures to the right indicate full marks.*

Q1) a) Explain the benefits of paaS. **[5]**

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

OR

Q2) a) Explain in brief how cloud helps in reducing capital expenditure. **[4]**

b) Compare KVM, Xen and HyperV. **[6]**

Q3) a) Draw and explain model for federated cloud computing. **[6]**

b) Explain Grid vs Cloud. **[4]**

OR

Q4) a) Explain the life cycle of SLA. **[6]**

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

i) Public cloud economics

ii) Vmware

Q5) a) What are the several useful implications of the fact that 'OS state is saved in file and copied & shared? **[8]**

b) Enlist & describe security risks posed by shared images **[8]**

P.T.O.

OR

Q6) a) Enlist and explain cloud security risks identified by Cloud security Alliance. [8]

b) Discuss four widely accepted information practices complied by Consumer Oriented commercial web sites. [8]

Q7) a) Explain Google App Engine with diagram. [8]

b) Write short note on 'Open Nebulla'. [8]

OR

Q8) a) Explain the storage services offered by Amazon EC2 cloud. [8]

b) State and explain any two cloud computing applications. [8]

Q9) a) Describe Context Aware operational life cycle. [10]

b) Write short note RFID tag. [8]

OR

Q10) a) Describe methods to acquire user inputs related to human centered design. [8]

b) Explain the following service architectural models. [10]

i) Multi tier client service model.

ii) Service oriented computing model.

