

[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]

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 Nebula'. [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.

