

Total No. of Questions :10]

SEAT No. :

P3639

[Total No. of Pages :2

[4959] - 1128

B.E. (I.T.)

e: CLOUD COMPUTING

(Semester - I) (2012 Course) (Elective - I)(End Sem.)

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 10.*
- 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) Define cloud computing? Explain essential characteristics of cloud computing? [4]
- b) Explain benefits of IaaS. [4]

OR

- Q2)** a) Explain the cloud deployment model. [4]
- b) Write short note on SaaS. [4]

- Q3)** a) State and describe life cycle of SLA. [6]
- b) What is virtualization? Explain different types of virtualization. [6]

OR

- Q4)** a) State and explain different phases of SLA management of applications hosted on cloud platform. [6]
- b) Write short note on KVM. [6]

P.T.O.

- Q5) a)** Discuss two ways of determining Trust. [8]
b) Describe issues related to the run time interaction between DomO and DomU. [8]

OR

- Q6) a)** Discuss the undesirable effects of virtualization. [8]
b) Discuss mandatory OS security elements. [8]

- Q7) a)** Explain Google App Engine with diagram. [10]
b) Write short note on cloud implementation and application. [8]

OR

- Q8) a)** Explain the services offered by Amazon S3. [10]
b) Explain the open source cloud 'open Nebula'. [8]

- Q9) a)** Describe methods to acquire user input related to Human Centred Design (HCD). [8]
b) Enlist and explain benefits of using wireless networks for UbiCom. [8]

OR

- Q10)a)** Describe challenges in modeling contex. [8]
b) Write short note on Ubiquitous System Challenge and outlook. [8]

