# Oct.-16/B.E./Insem.- 165

## B.E. (I.T.) (Semester - I)

## CLOUD COMPUTING (Elective - I (e))

## (2012 Pattern)

*Time : 1 Hour]*          *[Max. Marks : 30*

*Instructions to the candidates:*

1) *Answer Q1 or Q2, Q3 or Q4, Q5 or Q6.*

2) *Neat diagrams must be drawn wherever necessary.*

3) *Figures to the right carries full marks.*

4) *Assume suitable data, if necessary.*

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

    b) Explain any 2 major companies which offer paas service. **[5]**

### OR

*Q2)* a) Explain the cloud cube model. **[6]**

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

*Q3)* a) What is virtual machine? Discuss VMM in detail. **[6]**

    b) Explain applications of virtualization. **[4]**

### OR

*Q4)* a) Explain different levels of virtualization. **[6]**

    b) Explain the need of virtualization. **[4]**

*Q5)* a)  Draw and explain model for federated cloud computing.  **[8]**

b)  Explain Grid verses Cloud.  **[2]**

<div align="center">OR</div>

*Q6)* a)  State and describe life cycle of SLA.  **[5]**

b)  Explain the different phases involved in SLA management while hosting application on cloud.  **[5]**

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