APR - 18/TE/Insem. - 148
T.E. (Information Technology)
CLOUD COMPUTING
(2015 Pattern) (Semester - II) (314453)

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 indicate full marks.*
4) *Assume suitable data, if necessary.*

Q1) a) Explain Cloud characteristics. **[6]**

b) Explain any two Cloud delivery models. **[4]**

OR

Q2) a) Draw and explain relation of first-generation Web service technologies.**[6]**

b) What is the difference between horizontal scaling and vertical scaling?**[4]**

Q3) a) Explain different types of hypervisors with example. **[6]**

b) Explain in brief about para-virtualization. **[4]**

OR

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

b) Write a short note on LAPP solution stack. **[4]**

Q5) a) Draw and explain programming environment for Google AppEngine. **[6]**

b) Write a short note on Windows Azure Platform. **[4]**

OR

Q6) a) Draw and explain Amazon EC2 execution environment. **[6]**

b) Write short note on OpenStack Compute. **[4]**

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