[5926]-132
T.E. INFORMATION TECHNOLOGY
(Cloud Computing (EL-II))
(2019 Course) (Semester - II) (314454C)

Time : 2½ Hours]   *[Max. Marks : 70*

Instructions to the candidates :

1) Answer Q1 or Q2,. Q3 or Q4, Q5 or Q6, Q7 or Q8
2) Neat diagrams must be drawn wherever necessary.
3) Figures to the right side indicates full marks.
4) Assume Suitable data if necessary.

Q1) a) Explain SAML and OAuth as standards for secutity. **[6]**

     b) Define Atom and RSS and differentiate between Atom and RSS. **[6]**

     c) Write short note on Windows Azure Platform architecture. **[6]**

OR

Q2) a) Explain steps to launch an EC2 instance in AWS Cloud. **[6]**

     b) Explain Open Cloud Consortium and Open Virtualization format. **[6]**

     c) Define Bucket in Amazon S3 and differentiate between DynamoDB and Amazon S3 **[6]**

Q3) a) Write a Short Note on Simple DB **[6]**

     b) What is fault tolerance. Explain characteristics of fault tolerance. **[6]**

     c) What is disater recovery? Explain disaster recovery methods. **[5]**

OR

Q4) a) What is Recovery time objectives (RTOs) and Recovery point objectives (RPOs) **[6]**

     b) Draw & explain General Architecture Hadoop Distributed File System (HDFS) **[6]**

     c) List and explain the security issues in cloud **[5]**

Q5) a) Explain in detail NASA's Nebula Cloud. [6]

b) Explain Supply Chain Management. [6]

c) Explain the concept of FutureGrid. [6]

OR

Q6) a) Explain Social Networking site Twitter. [6]

b) Explain the different Technologies to build IOT infrastructure. [6]

c) Explain the Applications of the Internet of Things [6]

i) Inventory Management

ii) Route Generation & Scheduling

Q7) a) Draw the Docker architecture and explain the components [6]

b) Discuss in brief: Comet Cloud [6]

c) What's the difference between cloudlets and clouds [5]

OR

Q8) a) Draw the kubernetes architecture and explain the components [6]

b) Differentiate between multimedia Vs Mobile Cloud [6]

c) Write a different application of fabric and paints [5]

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