[5460] - 599
T.E. (IT)
CLOUD COMPUTING
(2015 Pattern) (Semester - II)

Time : 2½ Hours]   *[Max. Marks :70*

Instructions to the candidates:

1) *Q. 1 or Q.2, Q.3 or Q.4, Q.5 or Q.6, Q.7 or Q.8, Q.9 or Q.10.*
2) *Neat diagram must be drawn wherever necessary.*
3) *Figures to the right indicate full marks.*
4) *Use of calculator is allowed.*
5) *Assume suitable data if necessary.*

Q1) a) Define Cloud Computing. Explain different types of Cloud Computing. **[8]**

     b) Explain benefits of IaaS. **[6]**

OR

Q2) a) Explain different types of Cloud Deployment Models. **[8]**

     b) Explain characteristics of Cloud Computing. **[6]**

Q3) a) Write short note on following standards of application developer. **[8]**

        i) Solution stack (LAMP and LAPP)

        ii) Syndication (Atom and RSS)

     b) State and describe any four Cloud Enabling Technologies. **[8]**

OR

Q4) a) Availability is one of the most important security measure in IoT and Cloud Computing. Explain in detail. **[8]**

     b) Smart buildings is one of the major application of IoT and Cloud computing. Elaborate with suitable diagram and examples. **[8]**

Q5) a) Explain significance of RFID in IoT with suitable system architecture features and advantages in detail. **[8]**

b) Write short note on Cloud implementation and application. **[6]**

OR

Q6) a) Explain various threat agents in cloud computing domain with suitable examples and diagrams. **[8]**

b) ZigBEE Technology is one of the enabling technologies for IoT. Explain in detail with suitable diagram. **[6]**

Q7) a) Write short notes on : **[8]**

   i) WSN : a driving force of IoT and Cloud Computing

   ii) IAM : Identity and Access Management in cloud computing

   iii) Non - repudiation and DOS attacks.

   iv) Significance of GPS in IoT.

b) What is Docker? Explain its Workflow in detail. **[8]**

OR

Q8) a) What is Jungle Computing? Explain why there is need of Jungle Computing? **[8]**

b) Draw architecture for Docker and explain it's components. **[8]**

Q9) Enlist and Explain benefits of using wireless network for UbiCom. **[10]**

OR

Q10) Write short note on Ubiquitous System Challenge and Outlook. **[10]**

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