P817

[5870]-1138

T.E. (Computer Engg.)
CLOUD COMPUTING
(2019 Pattern) (Semester-II) (Elective II) (310254 C)

Time : 2½ Hours] *[Max. Marks : 70*

Instructions to the candidates:

1) *Answer Q.1 or Q.2, Q.3 or Q.4 Q.5 or Q.6. Q.7 or Q.8.*
2) *Neat diagrams must be drawn wherver necessary*
3) *Figures to the right side indicate full marks.*
4) *Assume Suitable data, if necessary.*

Q1) a) Define Virtualization? Explain different types of Virtualizations? **[8]**

b) Discuss Virtualization in Grid and Virtualization in Cloud? **[9]**

OR

Q2) a) Differentiate between full and para virtualization? **[8]**

b) Explain the functionality of hypervisor? What is typel and type 2 hypervisor? **[9]**

Q3) a) Enlist the different services offered by Amazon web Service? Explain it? **[8]**

b) Discuss Amazon Dynamo Database Service in detail? **[9]**

OR

Q4) a) Explain Microsoft Windows Azure Platform? **[8]**

b) Elaborate the unique features Google App Engine with suitable example? **[9]**

Q5) a) Discuss the various Cloud Security Services with its necessity? **[9]**

b) What are different risks in cloud computing and how to mange them?**[9]**

OR

Q6) a) Explain security authorization challenges in cloud computing? **[9]**

b) Discuss how we need to perform secure cloud software testing? **[9]**

Q7) a) Discuss Energy Aware Cloud Computing with suitable example? **[9]**

b) Explain with example, working of Docker? **[9]**

OR

Q8) a) How the Cloud and IoT together works for Home Automation? **[9]**

b) Differentiate Distributed Cloud Computing Vs Edge Computing? **[9]**