[6180]-58
T.E. (Computer/A.I & D.S)
CLOUD COMPUTING
(2019 Pattern) (Semester - II) (310254 C) (Elective - II)

Time : 2½ Hours]   *[Max. Marks : 70*
Instructions to the candidates :
1) *Answer Q. 1 or Q. 2, Q. 3 or Q. 4, Q. 5 orQ. 6, Q. 7 orQ. 8.*
2) *Neat diagrams must be drawn wherever necessary.*
3) *Figures to the right indicate full marks.*
4) *Assume suitable data, if necessary.*

Q1) a)   Expiain virtual clustering in cloud computing?   **[9]**

b)   Describe the importance of hypervisor in cloud computing? Differentiate Type I and Type 2 hypervisor?   **[8]**

OR

Q2) a)   Compare grid computing and cloud computing?   **[9]**

b)   Define virtualizations? Describe the advantages and disadvantages of Virtualization?   **[8]**

Q3) a)   Draw & explain the working of Amazon simple storage service(S3)? **[9]**

b)   Describe the different steps for configuring Amazon EC2 VM instance?**[8]**

OR

Q4) a)   Enlist an applications of cloud computing in different Area? Describe any two applications?   **[8]**

b)   Identify the different components of AWS?   **[9]**

Q5) a) Explain the different Cloud Security Services in detail? **[9]**

b) State the use of Content Level Security (CLS)? **[9]**

OR

Q6) a) What are the different types of testing in cloud computing? Explain briefly? **[9]**

b) Analyze the different types of security risk involved in cloud computing? **[9]**

Q7) a) Draw & Explain client - server architecture of docker? **[9]**

b) Explain Multimedia Cloud in detail? **[9]**

OR

Q8) a) Differentiate between Distributed Cloud Computing Vs Edge Computing? **[9]**

b) Describe the concept of DevOps in detail? **[9]**

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