# [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) Explain 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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