

Total No. of Questions: 8]

SEAT No. :

**P280**

**[6003]-359**

[Total No. of Pages : 2

**T.E. (Computer Engineering/A.I.D.S.)**

**CLOUD COMPUTING**

**(2019 Pattern) (Semester-II) (Elective II) (310254 C)**

*Time : 2½ Hours]*

*[Max. Marks : 70*

*Instructions to the candidates:*

- 1) Solve 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 wherever necessary.
- 3) Figures to the right indicate full marks.
- 4) Assume suitable data, if necessary.

**Q1) a)** Differentiate between grid computing and cloud computing? **[9]**

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

OR

**Q2) a)** Describe virtual clustering in cloud computing? **[9]**

b) Explain the importance of hypervisor in cloud computing? Compare Type 1 and Type 2 hypervisor? **[8]**

**Q3) a)** Enlist an applications of cloud computing in differnt Area? Describe any two applications? **[9]**

b) Explain the different components of AWS? **[8]**

OR

**Q4) a)** How the Amazon simple storage service (S3) works? Explain with suitable diagram? **[8]**

b) Enlist the steps for configuring Amazon EC2 VM instance? **[9]**

**Q5) a)** What are the different types of testing in cloud computing? Explain briefly? **[9]**

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

OR

**P.T.O.**

**Q6) a)** Describe the different Cloud Security Services in detail? [9]

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

**Q7) a)** Describe client-server architecture of docker? [9]

b) Explain Mobile Cloud in detail? [9]

OR

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

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

