

Total No. of Questions : 8]

SEAT No. :

P-7550

[Total No. Of Pages : 2

[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 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) 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]

P.T.O.

- 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]

