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.3or 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]**

<div align="center">OR</div>

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

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