

SPPU-TE-COMP-CONTENT – KSKA Git

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

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- 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]

