

Total No. of Questions : 10]

SEAT No. :

P197

[Total No. of Pages : 2

[5871]-720

B.E. (Computer)

CLOUD COMPUTING

(2015 Pattern) (Semester - II) (Elective - IV)

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, Q.9 or Q.10.
- 2) Neat diagrams must be drawn wherever necessary.
- 3) Figures to the right side indicate full marks.
- 4) Assume suitable data if necessary.

- Q1)** a) What is cloud computing? Explain its advantages and disadvantages? [5]
b) Write note on GFS and HDFS? [5]

OR

- Q2)** a) Write note on solution stacks : LAMP and LAPP. [5]
b) Explain the concept of cloud storage with storage as a service? [5]

- Q3)** a) Explain in brief : implementation levels of virtualization with architecture? [5]
b) Explain SaaS in brief. [5]

OR

- Q4)** a) Explain cloud Data stores. [5]
b) What is hypervisor? List and explain types of Hypervisor in brief. [5]

- Q5)** a) What are AWS load balancing services? Explain Elastic Load Balancer with its types. [9]
b) Explain steps to create EBS snapshot. [8]

OR

- Q6)** a) Explain the steps for configuring EC2 server? [9]
b) Explain the steps of creating Amazon S3 bucket and managing associated services? [8]

P.T.O.

Q7) a) What are cloud mashups? Explain idea of cloud mashups with advantages? [9]

b) Explain cyber physical systems and components? [8]

OR

Q8) a) What are cloud lets? Explain in details. [9]

b) Explain the innovative applications of IOT. [8]

Q9) a) Explain the concept of Autonomic cloud Engine. [8]

b) Explain the client server architecture of docker? What are network ports and unix sockets? [8]

OR

Q10) a) Write note on following : [10]

i) The future of cloud TV

ii) Future of cloud Based smart Devices.

b) Explain Docker with respect to process simplification, Broad support and Adoption, Architecture? [6]
