

Total No. of Questions : 8]

SEAT No. :

PB3870

[6262]-134

[Total No. of Pages :2

T.E. (Information Technology)

CLOUD COMPUTING

(2019 Pattern) (Semester- II) (314454C) (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) Write a short note on [6]

- i) Amazon Elastic Block Store (EBS)
- ii) Amazon ElasticCache

b) Explain the Programming environment of Google App Engine. [6]

c) Write short note on following standards of application developer. [6]

- i) LAMP
- ii) LAPP

OR

Q2) a) Explain Windows Azure Platform Architecture with the help of a neat diagram. [6]

b) Write short note on [6]

- i) Amazon CloudFront
- ii) Amazon S3

c) Explain following Amazon Database Service [6]

- i) Amazon Relational Database Service (RDS)
- ii) Dynamo DB

Q3) a) List and explain the security issues in cloud. [6]

b) Draw & explain General Architecture Hadoop Distributed File System (HDFS). [6]

c) What is mean by Disaster Recovery? Discuss Threats in Disaster Recovery. [5]

OR

P.T.O.

- Q4)** a) Write a short note on [6]
i) How to Approach Business Continuity
ii) Architect for Failure
b) Draw & explain General Architecture Hadoop Distributed File System (HDFS). [6]
c) What is fault tolerance. Explain characteristics of fault tolerance. [5]

- Q5)** a) Explain Social Networking site Facebook. [6]
b) Explain in detail the Cyber-Physical System. [6]
c) Explain Benefits & Graph Properties of Social Network. [6]

OR

- Q6)** a) Explain cloudlet. Differentiate between cloud & cloudlet. [6]
b) Write a short note on RFID. [6]
c) Write a short note on ZigBee Technology. [6]

- Q7)** a) Write a short note on Location Aware Application. [6]
b) Explain architecture of mobile cloud computing with diagram. [6]
c) Explain following Concept with diagram: Automatic cloud engine. [5]

OR

- Q8)** a) Draw and Explain multimedia cloud. [6]
b) Explain key issues related to energy efficiency in cloud computing. [6]
c) Explain the Concept of jungle Computing with a diagram. [5]

