

Total No. of Questions : 10]

SEAT No. :

P3007

[Total No. of Pages : 2

[5669]-599

T.E. (Information Technology)

CLOUD COMPUTING

(2015 Pattern) (Semester - II)

Time : 2½ Hours]

[Max. Marks : 70

Instructions to the candidates:

- 1) Answer Q1 or Q2, Q3 or Q4, Q5 or Q6, Q7 or Q8, Q9 or Q10.
- 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) Explain advantages and disadvantages of Cloud Computing. [5]

b) Write short note on: Microsoft Azure. [5]

OR

Q2) a) Explain and differentiate types of Hypervisor. [5]

b) Compare different Cloud Delivery Models. [5]

Q3) a) Explain different Google Cloud Applications. [5]

b) Compare private cloud versus public cloud. [5]

OR

Q4) a) Write short note on Multitenant Technology. [4]

b) Explain the concept of syndication and RSS. [6]

Q5) a) What is threat agent? Explain any four threat agents. [8]

b) Explain with suitable example i) Encryption ii) Hashing. [8]

OR

Q6) a) Explain hardened virtual server images. [8]

b) Explain any four types of threats and attacks on cloud specifying which security goal it affects. [8]

P.T.O.

- Q7)** a) Explain Cloudlet. Differentiate between Cloud and Cloudlet. [8]  
b) Draw and explain architecture of IoT. [8]

OR

- Q8)** a) Elaborate the idea of Cloud Mashups and explain its advantages. [8]  
b) Draw and explain working of GPS. [8]

- Q9)** a) Write short note on: [10]  
i) Mobile Cloud Computing.  
ii) Jungle Computing.  
b) What is Docker? Explain Docker Workflow with diagram. [8]

OR

- Q10)** Write a short note on: [18]  
a) Location aware applications.  
b) Energy aware cloud computing  
c) Intelligent fabrics and paints.