

Total No. of Questions : 10]

SEAT No. :

P1769

[Total No. of Pages : 2

[5460] - 599

T.E. (IT)

CLOUD COMPUTING
(2015 Pattern) (Semester - II)

Time : 2½ Hours]

[Max. Marks :70

Instructions to the candidates:

- 1) *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 diagram must be drawn wherever necessary.*
- 3) *Figures to the right indicate full marks.*
- 4) *Use of calculator is allowed.*
- 5) *Assume suitable data if necessary.*

- Q1)** a) Define Cloud Computing. Explain different types of Cloud Computing. [8]
b) Explain benefits of IaaS. [6]

OR

- Q2)** a) Explain different types of Cloud Deployment Models. [8]
b) Explain characteristics of Cloud Computing. [6]

- Q3)** a) Write short note on following standards of application developer. [8]

- i) Solution stack (LAMP and LAPP)
- ii) Syndication (Atom and RSS)

- b) State and describe any four Cloud Enabling Technologies. [8]

OR

- Q4)** a) Availability is one of the most important security measure in IoT and Cloud Computing. Explain in detail. [8]
b) Smart buildings is one of the major application of IoT and Cloud computing. Elaborate with suitable diagram and examples. [8]

P.T.O.

Q5) a) Explain significance of RFID in IoT with suitable system architecture features and advantages in detail. [8]

b) Write short note on Cloud implementation and application. [6]

OR

Q6) a) Explain various threat agents in cloud computing domain with suitable examples and diagrams. [8]

b) ZigBEE Technology is one of the enabling technologies for IoT. Explain in detail with suitable diagram. [6]

Q7) a) Write short notes on : [8]

i) WSN : a driving force of IoT and Cloud Computing

ii) IAM : Identity and Access Management in cloud computing

iii) Non - repudiation and DOS attacks.

iv) Significance of GPS in IoT.

b) What is Docker? Explain its Workflow in detail. [8]

OR

Q8) a) What is Jungle Computing? Explain why there is need of Jungle Computing? [8]

b) Draw architecture for Docker and explain it's components. [8]

Q9) Enlist and Explain benefits of using wireless network for UbiCom. [10]

OR

Q10) Write short note on Ubiquitous System Challenge and Outlook. [10]

