

Total No. of Questions : 4]

SEAT No. :

PB108

[6269]-322

[Total No. of Pages : 1

T.E. (Computer Engineering /AI & DS) (Insem)

CLOUD COMPUTING

(2019 Pattern) (Semester - II) (Elective - II) (310254 C)

Time : 1 Hour]

[Max. Marks : 30

Instructions to the candidates:

- 1) *Solve Q.1 or Q.2 and Q.3 or Q.4.*
- 2) *Figures to the right indicate full marks.*
- 3) *Assume suitable data, wherever necessary.*

- Q1)** a) What is cloud computing? List and explain pros and cons of cloud computing. [5]
b) Explain the seven-step model of cloud migration. [5]
c) Explain Software as a Service (SaaS) with neat diagram. [5]

OR

- Q2)** a) List and explain the essential characteristics of cloud computing as per NIST. [5]
b) Compare Platform as a Service (PaaS) with Infrastructure as a Service (IaaS). [5]
c) Write a note on types of cloud deployment models. [5]

- Q3)** a) Explain Direct Attached Storage (DAS) subsystem. [5]
b) List and explain cloud data storage challenges. [5]
c) Write a short note on Hadoop file system. [5]

OR

- Q4)** a) Compare Network Attached Storage (NAS) with Storage Area Network (SAN). [5]
b) Explain in brief Dynamo distributed data storage system. [5]
c) Write a short note on MapReduce. [5]

