SEAT No. :

PB108

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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]**

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