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Roll No

CS/IT-703-GS

B.E. VII Semester

Examination, December 2020

Grading System (GS)

Cloud Computing

Time : Three Hours

Maximum Marks : 70

Note: i) Answer any five questions.

ii) All questions carry equal marks.

1. a) Write the characteristics of cloud computing as per NIST.
b) Explain Cloud computing reference model with neat diagram.
2. Define checkpointing and recovery. Explain any one mechanism for fault tolerance in cloud computing.
3. a) What are the essential characteristic of Platform as a Service (PasS) model?
b) Explain community cloud model. How it is different from public cloud?
4. a) Discuss VLAN and VSAN and their benefits.
b) Explain the concept of map reduce in cloud management.
5. Discuss about some cloud applications like Satellite Image Processing and protein structure prediction.

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6.
 - a) Discuss Hadoop with diagram.
 - b) How virtualization employed in Azure?
7. Discuss the different cloud security services.
8. Write short notes on:
 - a) Aneka
 - b) Cloud Federation Stack

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