LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

B.Sc. DEGREE EXAMINATION – **COMPUTER SCIENCE**

FIFTH SEMESTER – **NOVEMBER 2016**

CS 5407 – CLOUD COMPUTING

Date: 11-11-2016   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

Part A

Answer ALL questions   **10 x 2 = 20**

1. What is Public cloud?
2. Define IaaS.
3. Write two important communication operations.
4. Write any two platform service provider names.
5. What is VMM?
6. What do you mean by IaaS?
7. Why is the need for Cryptography?
8. What is Managed Cloud storage?
9. Expand ACID.
10. What is Cloud bursting?

Part B

Answer ALL questions   **5 x 8 = 40**

11 a) Write the benefits of Cloud Computing.
(OR)
  b) Explain various types of clouds.
12 a) Discuss about cloud Infrastructure.
(OR)
  b) Write about the communication protocols which are used in cloud computing.
13 a)   Discuss about the security mechanisms on cloud.
(OR)
  b) Discuss about   Hypervisors.
14 a) Discuss about the steps involved in moving an application to cloud.
(OR)
  b) Explain about the cloud Backup solutions.
15 a) Explain   Microsoft cloud services on cloud.
(OR)
  b) Discuss the Google web services on cloud.

Part C

Answer any TWO questions   **2 x 20 = 40**

16 a) Describe the Role of open standard in Cloud computing.
  b) How to establish a connection with cloud?

17 a) Explain briefly about Identity as a Service.
  b) Discuss about the brokered cloud storage access.

18 a) Discuss about the Amazon Web services.
  b)Explain the various types of Cloud storages with neat diagrams.

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