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Total No. of Questions: 09

Total No. of Pages: 02

B. Tech. (IT) (Sem. 6)
CLOUD COMPUTING
Subject Code: BTCS-912
Paper ID: A2359

Time: 3 Hrs.

Max. Marks: 60

INSTRUCTIONS TO CANDIDATES:

1. Section A is **COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. Section B contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. Section C contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION A

1. Write briefly:

- a) Virtual Machine
- b) Xen
- c) Digital signature
- d) Cipher Text
- e) Secure Sockets Layer (SSL)
- f) Difference between elasticity and scalability in cloud computing
- g) Service-Oriented Architecture (SOA)
- h) RSA Algorithm
- i) Full Virtualization
- j) Community cloud and examples

SECTION B

2. What pros and cons of Cloud computing in comparisons of Distributed and Grid computing?
3. What are different types of distributed computing systems before cloud computing?
4. What is Hypervisor in Cloud Computing and its types?

5. Explain the different types of Hardware Virtualization Techniques.
6. What are the different modes of software as a service (SaaS).

SECTION C

7. How many types of deployment models are used in cloud? Which one is best and why?
8. What is AWS? What types of Services does it provides?
9. Describe the architecture of windows Azure.