

Total No. of Questions : 09

CLOUD COMPUTING

Paper ID : [A2359]

Max. Marks : 60

INSTRUCTION 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.

Q1) Write briefly :

- a) Define Cloud Computing with example.
- b) What is the working principle of Cloud Computing?
- c) Define Big Data.
- d) What is Virtualization?
- e) How does Multitenancy allows sharing of resources and costs across a large pool of users?
- f) Give four examples of SaaS.
- g) What is Hybrid Cloud?
- h) What is Encryption?
- i) Define the key role of SSL.
- j) Define Azure AppFabric.

SECTION-B

- Q2) Explain five different characteristics of a Cloud.
- Q3) Draw and Explain the Cloud Architecture.
- Q4) What is Hypervisor? Explain its different types.
- Q5) Differentiate between Symmetric and Asymmetric encryption techniques.
- Q6) Explain and draw common Cloud management Platform Reference Architecture.

SECTION-C

- Q7) What are different Cloud Service Delivery Models with examples? Explain their architecture.
- Q8) a) List various Cloud Deployment Models. Compare them.
b) What are the selection criteria for Cloud Deployment?
- Q9) a) Explain Security in Cloud Computing Environment.
b) How can you reduce Cloud Security breaches?