M.Sc. Computer Science 2nd Semester
CLOUD COMPUTING
Paper — MCS-204

Time Allowed—3 Hours]   [Maximum Marks—100

Note :—There are **eight** questions, attempt any **five**. All questions carry equal marks.

1. Which are different types of Cloud computing services ? Which are various desired features of a cloud ?

2. What is virtualization ? Discuss the role and importance of virtualization and virtual appliance in cloud computing ?

3. Explain cloud computing architecture. What is SLA and QoS in cloud computing ?

4. Explain various security issues and their solutions in cloud computing.

5. What is Big-Data Analytics ? What is Federated Cloud Computing ?

6. Which are various service models ? Explain security as a service on cloud.

7. Explain the concept of energy efficiency in cloud. What is market oriented cloud computing.

8. What do you mean by programming models in Cloud? What is Thread programming and Map-Reduce programming ?