

Exam. Code : 206702

Subject Code : 4725

M.Sc. Computer Science 2nd Sem. (Batch 2021-23)

CLOUD COMPUTING

Paper—MCS-204

Time Allowed—3 Hours] [Maximum Marks—100

Note :—Attempt **FIVE** questions in all, selecting at least **ONE** question from each section. The **fifth** question may be attempted from any section. All questions carry equal marks.

SECTION—A

1. Describe the following concepts for Cloud :
 - (a) Virtualization 10
 - (b) Benefits of virtualization. 10
2. (a) Discuss the different open challenges to Cloud computing. 10
- (b) Discuss the working of virtual appliances. 10

SECTION—B

3. (a) How is SLA implemented in cloud ? Explain. 10
- (b) Discuss the concept of Cloud clients in cloud. 10

4. Discuss the following concepts :
- (a) Cloud entities 10
 - (b) Service models for Cloud. 10

SECTION—C

5. (a) Differentiate task programming and map reduce programming. 10
- (b) Discuss the concept of Data security in cloud. 10
6. Explain the following :
- (a) Access Management in Cloud 10
 - (b) Security as a Service on Cloud. 10

SECTION—D

7. Discuss the following :
- (a) Federated Cloud computing 10
 - (b) Big data in Cloud. 10
8. Write short notes on the following :
- (a) Energy efficiency in cloud 10
 - (b) Data Analytics in cloud. 10