

Roll No. 22312320007

Exam Code : M-25

Subject Code—64122

B.Sc. EXAMINATION

(Main/Reappear)

(Batch 2020 Onwards)

(Sixth Semester)

COMPUTER APPLICATIONS

Course-IV, (CCaL-604)

Cloud Computing

Time : 3 Hours

Maximum Marks : 80

Note : Attempt *Five* questions in all, selecting *one* question from each Unit. Q. No. 1 is compulsory. All questions carry equal marks.

(Compulsory Question)

1. (i) What is cloud ecosystem ?
- (ii) Write two main features of cloud computing ?

- (iii) What do you mean by Infra-structure as a service (IaaS).
- (iv) What is Virtualization ?
- (v) What is Hybrid cloud ?
- (vi) Who are the cloud service providers ?
- (vii) What is amazon EC2 ?
- (viii) What is a cloud usage monitor ?

8×2=16

Unit I

- 2. (a) What is cloud technology ? Explain the main features of Cloud Computing ? **8**
- (b) Write short notes on the following : **8**
 - (i) Client-Server Computing
 - (ii) Peer-to-Peer Computing
- 3. (a) Explain the collaborative computing in detail. **8**
- (b) What is distributed computing ? Explain in detail. **8**

Unit II

4. What are cloud delivery models ? Explain in detail. 16
5. (a) Distinguish between scalability and elasticity in cloud computing. 8
- (b) What does load balancing in cloud computing ? 8

Unit III

6. (a) What are various layers of cloud architecture ? 8
- (b) What are system integrators in cloud computing ? 8
7. What are the main deployment types for cloud computing ? Briefly describe each one. 16

Unit IV

8. (a) Describe Google App Engine and its basic features. 8
- (b) Explain various business opportunities using cloud. 8

9. (a) Write short note on application of cloud computing for collaboration on schedules. 8

(b) Name few platforms which are used for large scale cloud computing. 8

