

Roll No. :

Total No. of Pages : 3

BCA303

B.C.A. IIIrd Year Examination, 2022

CLOUD COMPUTING

Paper-III

Time Allowed : 1½ Hours

Maximum Marks : 100

Part-A

[Marks : 30]

Note :- Answer all questions (50 words each). All questions carry equal marks.

Part-B

[Marks : 70]

Note :- Answer any two questions (250 words each). All questions carry equal marks.

Part-A

1. (i) What is a Cloud ?
- (ii) Define Cluster.
- (iii) What is meant by Internet of things ?

- (iv) Mention platforms which are used for large scale cloud computing.
- (v) List out different layers which define Cloud Architecture.
- (vi) What is meant by Virtualization ?
- (vii) Define VMware.
- (viii) Define Private and Public Clouds.
- (ix) Define CRM.
- (x) Differentiate between Cloud and Traditional Datacenters. 3×10=30

Part-B

- 2. What is Cloud Computing? Discuss the characteristics and advantages of Cloud Computing. 35
- 3. Write short notes on the following :
 - (i) Ethical Issues in Cloud Computing
 - (ii) Current Trends and Future of Cloud
 - (iii) Research Issues in Cloud Computing 10,10,
- 4. What are the different data layers used in Cloud Computing ? Also discuss the Cloud Reference Model. 35

5. Write short notes on the following :
- (i) Service Models
 - (ii) Deployment Models **18,17**
6. What is Hypervisor in Cloud Computing ? Discuss the Virtual Clusters and Resource Management. **35**
7. Write short notes on the following :
- (i) Types of Virtualizations
 - (ii) Benefits of Virtualization **20,15**
8. (a) Discuss the Cloud Applications.
- (b) Discuss the Microsoft Azure and Amazon Web Services. **18,17**
9. Write short notes on the following :
- (i) Social Networking
 - (ii) Integration of Private and Public Clouds
 - (iii) Satellite Image Processing **10,15,10**