

Roll No. : 349702

Total No. of Pages : 4

BCA-303

BCA THIRD YEAR EXAMINATION, 2023

CLOUD COMPUTING

Paper - III

Time Allowed : Three Hours

Maximum Marks : 100

PART-A

[Marks : 20]

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

PART-B

[Marks : 50]

Note: Answer **five** questions (250 words each). Selecting **one** from each unit. All questions carry equal marks.

PART-C

[Marks : 30]

Note: Answer **any two** questions (300 words each). All questions carry equal marks.

PART-A

1. (i) What do you mean by distributed computing ?
- (ii) List down the properties of cloud computing.

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- (iii) State the advantage of cloud service deployment.
- (iv) What is cloud computing layers ?
- (v) Define virtualization.
- (vi) What are the features of virtualization ?
- (vii) State the difference between a private cloud and public cloud.
- (viii) What is considered a cloud application ?
- (ix) What do you mean by SLA ?
- (x) What is meant by HDFS ?

PART-B

UNIT-I

- 2. Explain cluster computing.
- 3. Discuss on Ethical issues in cloud computing.

UNIT-II

- 4. Explain cloud computing architecture.
- 5. Explain cloud Reference Model.

UNIT-III : Discuss briefly

6. Explain Desktop virtualization. (i)
7. Explain Hypervisors. (ii)

UNIT-IV

8. Explain CRM and ERP.
9. Discuss on Google App Engine.

UNIT-V

10. How to manage resource in inter cloud ? Explain.
11. Explain Elastic Load Balancing and Auto Scaling.

PART-C

12. What is a cloud computing ? Discuss the evaluation of cloud computing.
13. Explain the service models of distributed and cloud computing in detail.
14. Explain the different levels of virtualization implementation.
15. Write short notes on the following :
 - (i) Amazon S3
 - (ii) Social Networking

16. Discuss briefly:

(i) Third Party Cloud Services

(ii) Google GFS

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