

Roll No. :

Total No. of Questions : 11]

[Total No. of Printed Pages : 3

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B.C.A. (Part-II) Examination, 2022

CLOUD COMPUTING

Paper - BCA-205 (A)

Time : 3 Hours]

[Maximum Marks : 70

Section-A

(Marks : 2 × 10 = 20)

Note :- Answer all *ten* questions (Answer limit **50** words). Each question carries **2** marks.

Section-B

(Marks : 4 × 5 = 20)

Note :- Answer all *five* questions. Each question has internal choice (Answer limit **50** words). Each question carries **4** marks.

Section-C

(Marks : 10 × 3 = 30)

Note :- Answer any *three* questions out of five (Answer limit **500** words). Each question carries **10** marks.

Section-A

1. (i) Define Cloud.
- (ii) How distributed computing works ?
- (iii) Elaborate the terms SaaS, IaaS, DaaS and VDI.
- (iv) Why cloud is required ? Give its benefits.

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- (v) List any *five* applications of cloud.
- (vi) What is Hypervisor ?
- (vii) What are the applications of cloud for online scheduling ?
- (viii) What is Groupware ?
- (ix) What is Web Conference tools ?
- (x) What do you understand by Blogs ?

Section-B

2. Differentiate between Client-server and Distributed Computing.

Or

How cloud computing is useful ? Explain.

3. Explain Basic Cloud Architecture using a suitable diagram.

Or

Write a short note on cloud service providers.

4. How cloud computing is useful for centralizing e-mail communication.

Or

Suppose you are starting an online education platform for online studies. Which services you prefer to be on cloud as a CEO. Give justification also.

5. How Cloud Services are managed ? Write a detailed note.

Or

Write a note on Web Conference Tools.

6. Why data privacy is important ? Explain how we can achieve data privacy on cloud.

Section-C

7. Write a detailed note on cloud computing, its need and applications.
8. Explain functioning of cloud in detail.
9. What is On-demand Computing ? How is it useful ? Explain.
10. How cloud based word processing is useful. Give names of some cloud based word processing tools. Also give advantages and disadvantages of using cloud based word processing.
11. What are the various issues and risks in cloud computing ? Give in detail.