BCA61 — CLOUD COMPUTING

Time : Three hours

Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Give any two examples of cloud computing services you are using.

2. Define distributed computing.

3. What is meant by AWS?

4. List any four companies that offers tools for cloud services developers.

5. What is virtual community?

6. Write down the use of 'google docs' program.

7. What is the role of map function?

8. What are the features of HDFS?

9. What is cloud security?

10. What are the aspects of data security?

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SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Discuss the advantages and disadvantages of clouding computing.

Or

(b) Explain cloud storage and cloud services.

12. (a) Discuss on web services and on-demand computing.

Or

(b) Write short note on IBM clouds.

13. (a) Explain about the concept-collaborative family.

Or

(b) How does community group manage all their activities?

14. (a) Explain map reduce frame work.

Or

(b) Elaborate on Aneka.

15. (a) List and explain the challenges and risks in cloud security.

Or

(b) Give a note on risk management.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Explain cloud architecture.

17. Discuss about collaborating on group projects and events.

18. Give a detailed description about cloud software environments.

19. Explain about Hadoop Library from Apache.

20. Write a note on the following :

    (a) Security architecture design

    (b) Identity management and access control.

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