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DSECA-503

V Semester B.C.A. Degree Examination, December/January - 2025/26

(NEP Scheme Freshers & Repeaters)

COMPUTER APPLICATIONS

Cloud Computing

Paper - DSEE1-A

NEW HORIZON COLLEGE LIBRARY KASTURINAGAR BANGALORE-43

Time : 2½ Hours **Maximum Marks : 60**

***Instructions*:**

Answer all the Sections.

SECTION - A

I Answer any SIX questions. Each question carries Two marks. (6×2=12)

1. What is Grid Computing?
2. What is IaaS?
3. Define Paravirtualization.
4. Define Infrastructure Organization.
5. What is Aneka SDK?
6. What is Storage Service?
7. What is Google App Engine?
8. Mention two applications of Cloud.
9. What is Satellite Image Processing?

SECTION - B

II. Answer any FOUR questions. Each question carries Six marks. (4×6=24)

10. What is cloud computing? Explain.
11. Briefly explain trends in Cloud Computing.
12. Explain Server Virtualization in brief.

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13. Write a note on Hybrid Cloud Deployment Model.

14. Explain the application Life Cycle of Cloud Platforms.

15. Write a note on Communication Services.

SECTION - C

III. Answer any THREE questions. Each question carries Eight marks. (3×8=24)

16. a) Explain leading cloud platform services. **(4)**
    b) Briefly explain advantages and disadvantages of cloud computing. **(4)**

17. a) Write a short note on Community Cloud. **(4)**
    b) Explain VMware with example. **(4)**

18. a) Explain logical Organization in Aneka Clouds. **(4)**
    b) Briefly explain Management tools of Aneka Platform. **(4)**

19. a) Write a note on Core infrastructure in Cloud. **(4)**
    b) Explain the Architecture of Azure Platform Appliance. **(4)**

20. a) Briefly discuss ECG analysis in Cloud Applications. **(4)**
    b) Write a short note on Social Networking. **(4)**