DSECA – 503

V Semester B.C.A. Degree Examination, February/March 2024
(NEP Scheme) (Freshers)
COMPUTER APPLICATIONS
Cloud Computing

Time : 2½ Hours

Max. Marks : 60

Instruction : *Answer **all** the Sections.*

SECTION – A

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

1) What are the advantages of cloud computing ?

2) What is Community Cloud and Hybrid Cloud ?

3) What is the role of virtualization in cloud computing ?

4) List any two virtualization tools available.

5) What features are provided by the Aneka management tools ?

6) What is AWS ? List the 3 types of storage in AWS.

7) What is the function of web role in Microsoft Azure ?

8) What is salesforce.com ?

9) Mention different cloud service provider.

SECTION – B

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

10) What are the challenges in Cloud Computing ?

11) Explain the characteristics of PaaS solutions.

12) What are the main components of AWS ?

13) Discuss the application of cloud computing in Business and Consumer Applications.

14) Write a note on Aneka application and service model.

15) Differentiate full virtualization and para-virtualization.

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SECTION – C

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

16) a) What is virtualization ? Explain in detail the pros and cons of virtualization. 5

b) Explain different components of distributed computing. 3

17) Explain Infrastructure-as-a-service reference model in detail.

18) Explain Microsoft Hyper-V architecture.

19) What is programming model ? Discuss the programming models supported by Aneka.

20) Discuss the different services offered by Microsoft Azure.