



B.C.A. V Semester Degree Examination, Sept./Oct. - 2024

COMPUTER SCIENCE

DSE1 : Cloud Computing

(NEP)

Time : 2 Hours

Maximum Marks : 60

SECTION - A

Answer the following sub-questions, each sub-question carries **one** mark. **10x1=10**

1. (a) What is cluster computing ?
- (b) Write any two applications of cloud computing.
- (c) Expand PaaS and SaaS.
- (d) Define Hybrid Cloud.
- (e) Expand CRM and ERP.
- (f) List out any two management tools of Aneka.
- (g) What is the use of Azure cloud ?
- (h) Mention any two applications of Media.
- (i) What is Virtualization ?
- (j) Define VMware.

SECTION - B

Answer **any four** of the following questions, each question carries **five** marks.

4x5=20

2. Write any five advantages of cloud computing.
3. Write a short note on Platform as a Service (PaaS).
4. Briefly explain about Business and Consumer applications.
5. Write a short note on SQL Azure.
6. Explain Aneka cloud with an example.
7. What are the different types of virtualizations ? Explain any one.



SECTION - C

Answer **any three** of the following questions, each question carries **ten** marks.

3x10=30

8. Explain different Trends in cloud computing in detail.
9. With a neat diagram, explain architecture of cloud.
10. Write Pros and Cons of Virtualization.
11. Explain in detail about Microsoft Azure concepts.
12. Write a short note on :
 - (a) Amazon Web Services
 - (b) Multiplayer Online Gaming

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