

**Cloud Computing**  
**(Computer Science and Engineering)****Date: 31-07-2025****Time: 3 Hours.****Max. Marks: 70****Answer ONE Question from each UNIT and each question carries 14 Marks****UNIT-1**

1. Why it is necessary to understand the various computing paradigms? Explain  
[14 Marks;CO1;Understand]

**(OR)**

2. A) Differentiate the distributed computing with traditional operating system.  
[7 Marks;CO1; Remember]  
B) Compare Parallel Computing and Distributed Computing.  
[7 Marks;CO1; Remember]

**UNIT-2**

3. What problems does on-premise private cloud have? Briefly describe.  
[14 Marks;CO2; Understand]

**(OR)**

4. A) Describe each cloud application in turn. [7 Marks;CO2; Remember]  
B) Describe the restrictions placed on cloud computing. [7 Marks;CO2; Understand]

**UNIT-3**

5. A) Explain the evaluation of cloud application with neat diagram.  
[7 Marks;CO3;Understand]  
B) Explain the process of managing the cloud.  
[7 Marks;CO3;Understand]

**(OR)**

6. What is the primary purpose of migrating application of cloud? Explain phases of cloud Migration.  
[14 Marks;CO3;Understand]

**UNIT-4**

7. What are the characteristics of Infrastructure as a Service (IaaS)? Explain each character with an example.  
[14 Marks;CO4;Understand]

**(OR)**

8. A) Explain Platform as a Service (PaaS) with neat diagram. [7 Marks;CO4;Understand]  
B) List and explain the characteristics of Platform as a Service (PaaS).  
[7 Marks;CO4;Understand]

**UNIT-5**

9. What is VM ware? Explain the services providing by VM Ware.  
[ 14Marks;CO5;Understand]

**(OR)**

10. Explain The SAP HANA Cloud platform and Briefly describe its qualities and services.  
[14Marks;CO5;Understand]

**---The End---**