



**SILVER OAK
UNIVERSITY**
EDUCATION TO INNOVATION

School of Technology, Design and Computer Application

Aditya Silver Oak Institute of Technology
Bachelor of Technology (Computer Engineering)

Semester:	3rd	Academic Year:	2025-26
Course Name:	Fundamentals of Cloud Computing	Course Code:	2010043224

Question bank

Sr. No.	Question Text	Marks	CO
Unit-1			
1	What is Cloud Computing? Explain goals and challenges of Cloud Computing.	3	CO1
2	Explain different types of Cloud Computing. OR Discuss cloud deployment models in detail.	4	CO1
3	Explain the architecture of cloud computing.	4	CO1
4	List out the Cloud Service Providers.Explain any two service providers in detail.	6	CO1
5	Discuss History of cloud computing.	6	CO1
6	Difference between public, Private and Hybrid with one example each.	4	CO1
7	Give the characteristics of cloud computing.	3	CO1
Unit-2			
8	Explain different types of Cloud Service Models.	6	CO2
9	Explain advantages and disadvantages of Saas.	3	CO2
10	Explain challenges of Saas.	3	CO2
11	Explain advantages and disadvantages of Iaas.	4	CO2
12	What is Saas Integration Services?Explain in detail.	6	CO2
Unit-3			
13	Define Virtual Machine.Discuss VM migration services.	4	CO3



14	Write down the merits and demerits of Paas services.	6	CO3
15	Write a short note on DBaaS.	3	CO3
16	Discuss in detail SECaaS.	4	CO3
17	Define following terms: (i)Cloud infrastructure (ii)Virtual machine (iii)Hypervisor	3	CO3
18	Write a short note on Bare Metal Server.	4	CO3
19	How to secure a network in cloud computing?	3	CO3
20	Discuss Object Storage in cloud computing.	3	CO3
21	Define virtualization.List out different types of virtual Machine. Explain any two in detail.	6	CO3
22	List out different types of virtual machine.Explain any one in detail.	3	CO3
23	How to store data on the cloud?Give the different types of cloud storage.	4	CO3
24	Discuss working of CDN.	3	CO3
Unit- 4			
25	Discuss Hybrid Multi-Cloud.	6	CO4
26	Explain architecture of Cloud Native applications.	6	CO4
27	What is Devops in cloud computing?	3	CO4
28	Explain the need of serverless computing.	4	CO4
29	Explain microservices in cloud computing?	3	CO4
30	Discuss Application Modernization.	4	CO4
31	Difference between Microservices and Monolithic Architecture.	3	CO4

Course Coordinator

Head of Department