Question Bank

Module 1

Q. No	Questions	Marks	CO	Blooms Level
1	Explain scalable computing over the Internet with examples.	15	**CO1**	**L2**
2	Explain diff. software environments for distributed systems & cloud computing.	10	**CO1**	**L2**
3	Analyze the role of performance, security, and energy efficiency in cloud computing.	10	**CO1**	**L3**
4	Explain different types of cloud computing system models with diagrams.	10	**CO1**	**L2**
5	Discuss the impact of network technologies on cloud computing performance.	8	**CO1**	**L3**
6	Compare and contrast various system models for distributed and cloud computing.	8	**CO1**	**L3**
7	Discuss the technologies for network-based systems in detail.	10	**CO1**	**L2**
8	How do distributed systems support cloud computing? Illustrate with examples.	10	**CO1**	**L3**

	Module 2			
Q. No	**Questions**	**Marks**	**CO**	**Blooms Level**
1	What are the different implementation levels of virtualization? Explain in detail.	15	**CO2**	**L2**
2	Discuss the structure, tools, and mechanisms used in virtualization.	10	**CO2**	**L2**
3	How is virtualization applied to CPU, memory, and I/O devices?	10	**CO2**	**L2**
4	Compare different virtualization techniques used in cloud computing.	10	**CO2**	**L3**
5	Explain the significance of hypervisors in virtualization.	8	**CO2**	**L2**
6	How does virtualization improve resource management in cloud computing?	8	**CO2**	**L3**
7	Discuss the challenges faced in virtualizing data centers.	10	**CO2**	**L3**
8	Explain the role of resource allocation in virtualized cloud environments.	10	**CO2**	**L2**

	Module 3			
Q. No	**Questions**	**Marks**	**CO**	**Blooms Level**
1	Explain different cloud computing service models with examples.	12	**CO3**	**L2**
2	How do data centers contribute to cloud computing architecture?	10	**CO3**	**L2**

3	Discuss the design of compute and storage clouds.	10	**CO3**	**L3**
4	Compare public cloud platforms: GAE, AWS, and Azure.	8	**CO3**	**L3**