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**Department of Artificial Intelligence & Data Science**

**Subject- Cloud Computing**

**Question Bank**

**Unit 1: Introduction to Cloud Computing**

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1	Explain in detail Cloud Computing? What are the advantages and disadvantages of cloud computing?	5
2	What is Seven Step Model of Migration into a cloud? Explain in detail.	5
3	What are the different Cloud Deployment models? Explain in detail.	5
4	Explain with example IaaS.	5
5	Explain in detail Cloud computing architecture.	5
6	What are the different trends in cloud computing?	5
7	What is migration into cloud? Explain.	5
8	Explain in detail Cloud service models?	5
9	Explain in detail platform as a service. Give one example.	5
10	Differentiate between Public, Private, Hybrid and Community Cloud.	5
11	Define Cloud Computing & Explain the importance of Cloud Computing?	5
12	Explain Cloud System Architecture suitable diagram?	5
13	List the characteristics of cloud computing. Explain the benefits of cloud computing.	5
14	What are the uses of cloud computing? Name the three basic clouds in cloud computing.	5
15	What resources are provided by infrastructure as a service?	5
16	What are the different modes of software as a service?	5
17	What are the components of cloud computing? Explain.	5
18	Explain Cloud Service Models: SaaS, PaaS, IaaS, Storage in details.	5
19	Explain cloud computing reference model.	5
20	Write a note on different cloud storage providers.	5

21	Describe the 5 R's in the strategies of Migrating into cloud?	5
22	What are the challenges of Cloud computing model? Explain with significance of each challenge.	5
23	What is the difference between horizontal scaling and vertical scaling?	

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