

SREENIVASA INSTITUTE OF TECHNOGY AND MANAGEMENT STUDIES
(AUTONOMOUS)
Murukambattu, Chittoor

MCA DEPARTMENT



QUESTION BANK

CLOUD COMPUTING (20MCA122)

Regulation – 2020

Academic Year 2020 – 21

Prepared by

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S. No	QUESTIONS	Blooms Taxonomy Level	POs
UNIT - 1			
Cloud Computing Basics			
Cloud Computing Overview – What is Cloud Computing, Cloud Components, Infrastructure-Grid Computing, Full Virtualization, Para virtualization, Services-Software as a service, Platform as a Service, Hardware as a Service, First Movers in the Cloud, When you can use cloud computing, Benefits, Limitations, Security Concerns.			
PART -A			
1	Define is Cloud Computing	Understanding	PO1
2	List the components of Cloud Computing	Remembering	PO1
3	Mention the types of Virtualization	Remembering	PO1
4	Identify the types of Cloud Services	Analyzing	PO1
5	List out some of the Benefits of Cloud Computing	Remembering	PO1
6	Mention any 4 Limitations of Cloud Computing	Remembering	PO1
7	What is cloud security concern	Understanding	PO1
PART -B			
1	Explain Cloud Computing and its Components in detail	Understanding	PO1
2	Write about Virtualization and its types in detail	Understanding	PO1,PO3
3	Discuss in detail about various Cloud Services	Understanding	PO1
4	Identify the Major Benefits of Cloud Computing	Analyzing	PO1,PO2, PO3
5	Describe the limitations of Cloud Computing	Understanding	PO1
6	Explain Cloud Security Concerns in detail	Understanding	PO1
UNIT II			
Cloud Computing Technology			
Hardware and Infrastructure: Clients, Security, Network, Services; Accessing the Cloud: Platforms, Web Applications, Web APIs, Web Browsers; Cloud Storage: Overview, Cloud Storage Providers; Standards: Application, Client, Infrastructure, Service			
PART -A			
1.	Write short notes on different types of clients, who access the cloud.	Understanding	PO1
2.	What is VPN?	Remembering	PO1
3.	What is SSL?	Remembering	PO1
4.	Name the four levels of network connectivity needed in the cloud computing.	Remembering	PO1
5.	What is redundancy, why is it important in the cloud.	Remembering	PO1
6.	Write short note on AJAX.	Understanding	PO1
7.	Write short note on Python Django.	Understanding	PO1
8.	Write short note on Mosso.	Remembering	PO1
9.	Illustrate the importance of Web APIs.	Analyzing	PO1,PO2



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10.	List out various web browsers used to connect to the cloud.	Remembering	PO1
11.	Write short note on Storage as a Service.	Remembering	PO1
12.	Name few Service Providers who are specialized in providing Storage as a Service	Remembering	PO1
13.	Write short note on XMPP.	Remembering	PO1
PART -B			
1.	Compare four levels of network connectivity needed in the cloud environment.	Analyzing	PO1,PO2
2.	Illustrate the computing technologies required in accessing the cloud.	Analyzing	PO1,PO2
3.	Explain in detail about Cloud Storage.	Understanding	PO1
4.	Discuss various standards used in the Cloud computing technology.	Understanding	PO1
5.	Describe Cloud hosting service in detail.	Understanding	PO1
UNIT III			
Common Standards in Cloud Computing - End user access to cloud computing			
The open cloud consortium - The distributed management task force - Standards for application developers - Standards for messaging - Standards for security - YouTube - Facebook –what is smartphone- - Smartphone - Mobile operating systems for smart phones - Mobile platform virtualization.			
PART – A			
1.	List out the standards proposed by Open Cloud Consortium.	Remember	PO1
2.	What is VMAN initiative? Explain.	Understand	PO1,PO2
3.	Differentiate LAMP and LAPP.	Analysis	PO1,PO2
4.	List various Standards for messaging.	Remember	PO1,PO2
5.	Define Widget.	Remember	PO1,PO2
6.	List two important widgets available in the YouTube	Remember	PO1
7.	What is Smartphone? Explain the Features	Understand	PO1
8.	List various mobile operating systems.	Remember	PO1
9.	Explain briefly about Mobile Platform Virtualization.	Understand	PO1,PO2
10.	Explain Google Android briefly	Understand	PO1,PO2
PART -B			
1.	Explain in detail about Open Cloud Consortium	Understand	PO1
2.	Discuss various standards proposed by DMTF.	Understand	PO1
3.	What is Content Syndication? Discuss benefits and Limitations	Understand	PO1
4.	Explain what are the standards for security.	Understand	PO1
5.	Describe YouTube APIs in detail.	Remember	PO1
6.	What are the FaceBook API are available to create your own facebook application? Explain.	Remember	PO1
7.	Compare and comprehend various mobile operating	Analysis	PO1,PO2



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	systems		
8.	Explain about Mobile Platform Virtualization.	Understand	PO1
9.	Describe Standards for Security in detail	Remember	PO1
10.	Explain Standards for Messaging	Understand	PO1
11.	Describe Standards for Application Developers	Remember	PO1
UNIT IV			
Cloud Computing with the Titans			
Google-Google APP Engine, Google Web Toolkit, Microsoft-Azure Services Platform, Windows Live, Exchange Online, Sharepoint Services, Microsoft Dynamics CRM, Amazon-Amazon Elastic Compute Cloud(Amazon EC2), Amazon SimpleDB, Amazon Simple Storage Service(Amazon s3),Amazon Simple Queue Service(Amazon SQS), Salesforce.com-Force.com, Salesforce.com CRM, AppExchange			
PART –A			
1.	List Big Titans in the Cloud industry	Remember	PO1
2.	Describe features of Google App Engine	Understand	PO1
3.	Discuss the main uses of Windows Azure	Understand	PO1
4.	List various features of Microsoft Exchange online.	Remember	PO1
5.	What is CRM?	Remember	PO1
6.	Write short note on Amazon EC2.	Remember	PO1
7.	List three primary areas of focus of Salesforce.com	Remember	PO1
8.	Describe Amazon SimpleDB.	Understand	PO1
9.	Define Amazon EBS	Remember	PO1
PART –B			
1.	Discuss Google App Engine in detail	Remember	PO1,PO2
2.	Explain Google Web Toolkit	Understand	PO1,PO2
3.	Explain Azure Service Platform in detail.	Understand	PO1
4.	How Windows Live is useful in communicating and collaborating with customers.	Analysis	PO1,PO2
5.	Discuss various services offered by Amazon Cloud Front	Understand	PO1
6.	Describe Salesforce.com service offerings.	Understand	PO1
7.	Explain core applications of Salesforce.com CRM.	Understand	PO1
8.	Compare and Contrast Microsoft CRM and Salesforce .com CRM	Analysis	PO1,PO2
UNIT V			
A Business Case Study			
The Business Case for Going to the Cloud: Cloud Computing Services, How Those Applications Help Your Business, Deleting Your Datacenter, Salesforce.com, Thomson Reuters			
PART –A			
1	List out the operational benefits of cloud computing	Remember	PO1
2	List out the economic benefits of cloud computing	Understand	PO1
3	List out the staffing benefits of cloud computing	Understand	PO1



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4	Illustrate recent features of AWS.	Remember	PO1
5	Describe Salesforce for Google Apps.	Remember	PO1
6	List out the tips to evaluate SaaS.	Remember	PO1
7	Write short note on AppZero.	Remember	PO1
8	Define Software plus Services.	Understand	PO1
9	Write short note on Thomson Reuters	Remember	PO1
PART –B			
1	How business organization can benefit from the cloud using SaaS?	Remember	PO1,PO2
2	How business organization can benefit from the cloud using PaaS?	Understand	PO1,PO2
3	How business organization can benefit from the cloud using IaaS?	Understand	PO1
4	How the cloud applications are beneficial to the business? Describe the operational, economic and staffing benefits?	Analysis	PO1,PO2
5	Describe deleting your data center?	Understand	PO1
6	Illustrate the tips to evaluate SaaS	Understand	PO1
7	what's the best way for a company to move to the cloud? What are the best business practices?	Understand	PO1
8	Discuss Thomson Reuters, a Business Case Study.	Analysis	PO1,PO2