



SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY :: PUTTUR
(AUTONOMOUS)

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QUESTION BANK (DESCRIPTIVE)

Subject with Code : Cloud Computing(20MC9132)

Course & Branch: MCA

Regulation: R20

Year & Sem: II-MCA & II-Sem

UNIT –I

THE EVOLUTION OF CLOUD COMPUTING
&
WEB SERVICES DELIVERED FROM THE CLOUD

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|----|--|-----------|-------|
| 1 | What is Cloud Computing? What are the benefits and drawbacks of cloud computing? | [L1][CO1] | [12M] |
| 2 | a) Define cloud computing? Explain advantages of cloud computing . | [L1][CO1] | [6M] |
| | b) Discuss about charecterstics of cloud computing | [L1][CO1] | [6M] |
| 3 | Briefly discuss about Evolution of cloud computing? | [L1][CO1] | [12M] |
| 4 | Define cloud computing? Discuss about hardware Evolution of cloud computing. | [L2][CO1] | [12M] |
| 5 | Discuss about Internet Software evolution and server Vitalization. | [L2][CO1] | [12M] |
| 6 | What is Cloud Computing?Discuss about platform-as-a-service. | [L2][CO1] | [12M] |
| 7 | a) What is Communication-as-a-Service? | [L1][CO1] | [03M] |
| | b) Analyze and explain about Communication-as-a-Service. | [L4][CO1] | [09M] |
| 8 | a) List the web services delivered from cloud. | [L1][CO1] | [04M] |
| | b) Explain any three web services from cloud. | [L2][CO1] | [08M] |
| 9 | Define Monitoring-as-a-Service. Write a brief description on it. | [L1][CO1] | [12M] |
| 10 | a) Briefly discuss about Software-as-a-Service. | [L2][CO1] | [06M] |
| | b) Discuss about Infrastructure-as-a-Service. | [L2][CO1] | [06M] |

UNIT –II
BUILDING CLOUD NETWORKS
&
VIRTUALIZATION PRACTICUM

1	Discuss about the Evolution from the MSP model to Cloud Computing and Software-as-a-Service.	[L2][CO2]	[12M]
2	a) What is Collaboration in Building Cloud Networks? Explain the benefits.	[L1][CO2]	[06M]
	b) Describe basic approach to a Data Center based SOA.	[L1][CO2]	[06M]
3	Explain the role of Open Source Software in Data Centers.	[L2][CO2]	[12M]
4	Identify where Open Source Software is used?	[L3][CO2]	[12M]
5	Briefly explain the basic approach to a Data center based SOA.	[L6][CO2]	[12M]
6	a) What is MSP model?	[L1][CO2]	[12M]
	b) Analyze and explain the evolution from MSP model to Cloud Computing and Software-as-a-Service.	[L4][CO2]	[12M]
7	Discuss where the open source software is used.	[L2][CO2]	[12M]
8	a) Define Data Center?	[L1][CO2]	[04M]
	b) Describe Data center based SOA.	[L2][CO2]	[08M]
9	Explain the steps involved in downloading & installing sun xVM VirtualBox.	[L2][CO2]	[12M]
10	What is the process of downloading & installing sun xVM VirtualBox.	[L4][CO2]	[12M]

UNIT-III**FEDERATION, PRESENCE, IDENTITY AND PRIVACY IN THE CLOUD**
&
SECURITY IN THE CLOUD

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|----|--|-----------|-------|
| 1 | What is Federation in the Cloud? Clearly explain. | [L1][CO3] | [12M] |
| 2 | a) Define Presence in the Cloud. | [L1][CO3] | [04M] |
| | b) Briefly discuss about Presence in the Cloud. | [L2][CO3] | [08M] |
| 3 | Discuss about Privacy and its relation to Cloud-based Information Systems. | [L2][CO3] | [12M] |
| 4 | a) Define Federation in the Cloud. | [L1][CO3] | [04M] |
| | b) Identify the role of federation in the Cloud. | [L3][CO3] | [08M] |
| 5 | Analyze and explain how the Cloud providing Security? | [L4][CO3] | [12M] |
| 6 | a) Discuss about Presence in the Cloud. | [L6][CO3] | [06M] |
| | b) Explain Identity in the Cloud. | [L2][CO3] | [06M] |
| 7 | Identify the Security challenges facing by Cloud. | [L3][CO3] | [12M] |
| 8 | What are Cloud security challenges? Analyze and explain them clearly. | [L4][CO3] | [12M] |
| 9 | Describe Software-as-a-Service Security. | [L5][CO3] | [12M] |
| 10 | a) What is Software-as-a-Service? | [L1][CO3] | [04M] |
| | b) Explain Software-as-a-Service Security in Cloud. | [L2][CO3] | [08M] |

UNIT-IV**COMMON STANDARDS IN CLOUD COMPUTING**
&
END-USER ACCESS TO CLOUD COMPUTING

1	What is Open Cloud Consortium? Write a brief note on it.	[L1][CO4]	[12M]
2	Discuss about the Distributed Management Task Force.	[L2][CO4]	[12M]
3	What are the standards for Application Developers? Explain.	[L1][CO4]	[12M]
4	Briefly explain about the standards for Application developers.	[L2][CO4]	[12M]
5	Discuss about the standards for messaging in Cloud Computing.	[L2][CO4]	[12M]
6	Identify the standards for security in Cloud Computing.	[L3][CO4]	[06M]
7	a) Analyze and explain the standards for Messaging.	[L4][CO4]	[06M]
	b) Explain about the standards for the security.	[L4][CO4]	[06M]
8	a) Analyze and write a short note on Zimbra.	[L4][CO4]	[06M]
	b) Analyze and write a short note on Zoho.	[L4][CO4]	[06M]
9	Identify the role of YouTube API.	[L3][CO4]	[12M]
10	What is Dimdim Collaboration? Explain.	[L1][CO4]	[12M]

UNIT-V**MOBILE INTERNET DEVICES AND THE CLOUD**
&
MASSIVELY MULTIPLAYER ONLINE GAME HOSTING ON CLOUD RESOURCES

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|----|---|---|-----------|-------|
| 1 | a | What is a Smart phone? | [L1][CO5] | [06M] |
| | b | Discuss about Mobile Operating Systems for Smartphones. | [L2][CO5] | [06M] |
| 2 | | Define Smartphone. Listout and explain the operating systems used in Smartphones. | [L2][CO5] | [12M] |
| 3 | | Identify the importance of Smartphones. | [L5][CO5] | [12M] |
| 4 | | Clearly explain Mobile Platform Virtualization. | [L3][CO5] | [12M] |
| 5 | | Discuss about Collaboration applications for mobile platforms. | [L2][CO5] | [12M] |
| 6 | | Define Mobile Platform Virtualization. Clearly explain about it. | [L2][CO5] | [12M] |
| 7 | | What are the Collaboration applications for mobile platforms? Explain. | [L1][CO5] | [12M] |
| 8 | | Define Smartphone and write about Mobile Platform Virtualization. | [L1][CO5] | [12M] |
| 9 | | Identify the collaboration applications for Mobile platforms. | [L3][CO5] | [12M] |
| 10 | | Explain about Mobile Operating Systems for Smartphones. | [L2][CO5] | [12M] |

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