MALLA REDDY ENGINEERING COLLEGE FOR WOMEN
Autonomous Institution-UGC, Govt. of India
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National Ranking by NIRF Innovation-Rank band(20-300),MHRD,Govt. of India
Approved by AICTE, Affiliated to JNTUH,ISO 9001-2015 Certified Institution

DEPARTMENT: CSE	COURSE: III B.TECH II SEM	SUBJECT: CC
	R22 REGULATION	2025-2026

ASSIGNMENT SHEET-2

SET-1

S. no	Question	CO	PO	BTL
1	Explain how cloud computing supports big data analytics and large-scale data processing.	CO2	PO1	3
2	Describe the role of virtualization in cloud computing and explain how it enables resource sharing.	CO1	PO1	2
3	Discuss how cloud resource management helps optimize performance and cost.	CO3	PO3	3
4	Explain how Service-Oriented Architecture (SOA) is used in cloud-based service delivery.	CO2	PO2	4
5	Describe mobile cloud computing and explain its benefits and challenges.	CO3	PO3	4

SET-2

S. no	Question	CO	PO	BTL
1	Explain the importance of virtualization in enabling multi-tenant cloud environments.	CO1	PO1	2
2	Discuss the purpose of cloud scheduling and explain how tasks are allocated in cloud systems.	CO2	PO2	3
3	Describe the need for interoperability among different cloud platforms.	CO2	PO2	4
4	Explain what a Service Level Agreement (SLA) is and its importance in cloud service delivery.	CO3	PO3	3
5	Discuss real-time applications that benefit from mobile cloud computing.	CO3	PO3	4

SET-3

S. no	Question	CO	PO	BTL
1	Explain the role of virtual machines and hypervisors in cloud computing.	CO1	PO1	2
2	Describe how cloud management platforms monitor and control cloud resources.	CO3	PO3	3
3	Explain the concept of cloud elasticity and its importance in workload handling.	CO2	PO1	3
4	Discuss the role of SOA in enabling modular and reusable cloud services.	CO2	PO2	4
5	Explain how cloud computing supports applications such as e-governance or e-learning.	CO3	PO3	4

SET-4

S. no	Question	CO	PO	BTL
1	Discuss the benefits and challenges of using virtualization in cloud environments.	CO1	PO2	3
2	Explain the importance of workload scheduling in achieving efficient cloud resource usage.	CO2	PO2	3
3	Describe interoperability challenges faced when integrating services across multiple clouds.	CO2	PO2	4
4	Explain how SLAs help define service reliability commitments between provider and user.	CO3	PO3	3
5	Discuss security and privacy considerations in mobile cloud computing.	CO3	PO3	4

SET-5

S. no	Question	CO	PO	BTL
1	Explain how virtualization reduces hardware dependency in cloud computing.	CO1	PO1	2
2	Describe different types of cloud scheduling strategies.	CO2	PO2	3
3	Discuss how cloud resource provisioning supports on-demand service delivery.	CO2	PO2	3
4	Explain the relationship between SOA and cloud service deployment.	CO2	PO2	4
5	Describe how cloud computing enables applications such as healthcare or banking services.	CO3	PO3	4

SET-6

Sno	Question	CO	PO	BTL
1	Explain how virtualization improves scalability and flexibility in cloud infrastructures.	CO1	PO2	3
2	Discuss how cloud platforms handle workload balancing and resource allocation.	CO2	PO2	3
3	Explain the need for interoperability in hybrid and multi-cloud environments.	CO2	PO2	4
4	Describe the purpose and components of SLAs in cloud computing.	CO3	PO3	3
5	Discuss how cloud-based mobile applications enhance user experience and accessibility.	CO3	PO3	4

Signature of Faculty: Signature of HOD: