

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

B.Tech III Year I Semester Regular & Supplementary Examinations February-2024

INTRODUCTION TO CLOUD COMPUTING
(CSE with Specialization in Cloud Computing)

Time: 3 Hours

(Answer all Five Units 5 x 12 = 60 Marks)

Max. Marks: 60

UNIT-I

- | | | | | | |
|---|---|---------------------------------------|-----|----|-----|
| 1 | a | Define grid computing. | CO1 | L1 | 2M |
| | b | Explain layered architecture of grid. | CO1 | L2 | 10M |

OR

- | | | | | | |
|---|---|---|-----|----|----|
| 2 | a | Differentiate between parallel and distributed computing Paradigms. | CO1 | L4 | 4M |
| | b | Illustrate the evolution of scalable computing technology. | CO1 | L3 | 8M |

UNIT-II

- | | | | | | |
|---|---|-------------------------------|-----|----|-----|
| 3 | a | Define cloud computing. | CO2 | L1 | 2M |
| | b | Explain in detail about XaaS. | CO2 | L2 | 10M |

OR

- | | | | | | |
|---|--|--|-----|----|-----|
| 4 | | Explain Briefly about Deployment Models. | CO2 | L2 | 12M |
|---|--|--|-----|----|-----|

UNIT-III

- | | | | | | |
|---|--|---|-----|----|-----|
| 5 | | Illustrate the virtualization structures available with neat diagram. | CO3 | L3 | 12M |
|---|--|---|-----|----|-----|

OR

- | | | | | | |
|---|---|--|-----|----|----|
| 6 | a | Summarize the Memory Virtualization concept. | CO3 | L2 | 6M |
| | b | Illustrate I/O Virtualization with an example. | CO3 | L3 | 6M |

UNIT-IV

- | | | | | | |
|---|--|--------------------------------|-----|----|-----|
| 7 | | What is Multi Schema Approach? | CO4 | L2 | 12M |
|---|--|--------------------------------|-----|----|-----|

OR

- | | | | | | |
|---|--|------------------------------|-----|----|-----|
| 8 | | Describe Simple DB in Cloud. | CO4 | L2 | 12M |
|---|--|------------------------------|-----|----|-----|

UNIT-V

- | | | | | | |
|---|---|--|-----|----|----|
| 9 | a | Explain about Authentication Methods. | CO5 | L2 | 6M |
| | b | Interpret the various Authorization Methods. | CO5 | L3 | 6M |

OR

- | | | | | | |
|----|---|---|-----|----|----|
| 10 | a | List the various factors on which availability of services depend. | CO5 | L1 | 4M |
| | b | Illustrate in detail about the availability management on different cloud services. | CO5 | L3 | 8M |

*** END ***

Project Overview

The project aims to develop a comprehensive system for data analysis and reporting. This document outlines the key objectives and the scope of the work.

The primary goal is to create a user-friendly interface that allows users to easily access and analyze their data. The system will support various data sources and provide flexible reporting options.

The project is divided into several phases, including requirements gathering, system design, development, testing, and deployment. Each phase will be carefully monitored to ensure the project stays on track.

Key features of the system include real-time data updates, customizable dashboards, and advanced search capabilities. These features will significantly enhance the user experience and the efficiency of data analysis.

The system will be developed using modern web technologies to ensure scalability and security. Regular communication and collaboration with stakeholders are essential for the success of the project.

By the end of the project, we expect to have a fully functional system that meets all the requirements and provides a significant improvement in data management and reporting.

The project team is committed to delivering high-quality results and ensuring that the system is easy to use and maintain. We will provide regular updates and support throughout the project lifecycle.

For more information about the project, please contact the project manager. We are open to feedback and suggestions from all stakeholders.

The project is currently in the planning phase, and we are working to finalize the requirements and the system architecture. We will provide a detailed project plan in the next update.

We are excited about the potential of this project and the impact it will have on our organization. Thank you for your support and interest in the project.

The project team consists of experienced professionals who are dedicated to the success of the project. We will work closely with you to ensure that the system meets your needs.

We will provide regular progress reports and keep you informed of any changes or updates. Your input is valuable and will help us make the best decisions for the project.

The project is expected to be completed within the agreed timeline. We will ensure that all milestones are met and that the system is delivered on time.

We will provide comprehensive training and documentation to ensure that you can use the system effectively. Our goal is to make the transition to the new system as smooth as possible.

The project is a priority for our organization, and we are committed to its success. We will continue to work hard to deliver a system that exceeds your expectations.

We appreciate your partnership and look forward to working with you on this important project. Please don't hesitate to reach out if you have any questions or concerns.

The project team is ready to start work on the project. We will begin with the requirements gathering phase and will keep you updated on our progress.

We are confident that this project will be a success and will bring significant value to our organization. Thank you for your support.