

MCA DEPARTMENT



QUESTION BANK

For

Unix Programming (18MCA215)

Regulation – R18

Academic Year 2019 – 20

Prepared by

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SUBJECT NAME : Unix Programming

SUBJECT CODE : 18MCA215

YEAR & SEM : II & I

Academic Year : 2018-19

UNIT I - Basics of Unix		
What is Unix, why is Unix important, the Structure of Unix operating system, widely used Unix variants, choosing a Unix variant, Getting Started - Logging in, Entering commands, logging out.		
PART -A		
Q.No.	Questions	Blooms Taxonomy Level
1.	Define Unix	Understanding
2.	List out the features of why Unix is important	Remembering
3.	What is Kernel	Understanding
4.	List out the widely used Unix Variants	Remembering
5.	Demonstrate the cal command	Applying
6.	Mention the Entering Commands	Remembering
7.	Justify Unix Multi User ability	Analyzing
8.	List out the major components of Unix System	Remembering
9.	Distinguish between who and finger command	Analyzing
PART -B		
1.	Explain in detail why is Unix Important	Understanding
2.	Discuss the structure of Unix System	Understanding
3.	Explain the widely used Unix Variants in detail	Understanding
4.	Illustrate Unix Entering commands in detail	Applying
5.	Explain the Logging Procedure in Unix System	Understanding
6.	What is Unix and write about the entering commands	Understanding
7.	Discuss about the major components of Unix system in detail	Understanding
8.	Write about why unix is important and write about its structure	Understanding
UNIT II - Working with files and directories		
Directories, The Hierarchical File Structure, UNIX System File Types ,Common Commands for Files and Directories, Searching for Files, More About Listing, Files Permissions, Viewing Long Files, Printing Files		
PART -A		
1.	Define file, file name	Understanding
2.	Distinguish between file and directory	Analyzing
3.	List out the unix file types	Remembering
4.	Illustrate ls command with options	Applying



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5.	Write about the purpose of find command	Understanding
6.	What is the command used to change permission	Understanding
7.	Differentiate between cp and mv commands	Analyzing
8.	Illustrate commands to remove file and directory	Understanding
PART -B		
1.	Explain about files and directories with examples	Understanding
2.	Explain the Unix Hierarchical file structure	Understanding
3.	Discuss Unix File Types in detail	Understanding
4.	Write about common commands for files and directories	Understanding
5.	Discuss how to search files in unix system	Understanding
6.	Illustrate more about Listing Files	Applying
7.	Illustrate Permission command with Examples	Applying
8.	Write about how to view long files in unix system	Understanding
UNIT III -Using unix and windows together, awk and sed		
Moving to unix if you are a windows user, terminal emulation, Sharing Files and Applications Across UNIX and Windows Machines-Accessing Your UNIX Files from a Windows Machine running unix and windows together on the same machine, awk and sed.		
PART – A		
1.	List out the Features of PHP	Remembering
2.	Classify the PHP Data Types	Applying
3.	Write about PHP Variables And Constants	Understanding
4.	Categorize PHP Comment Types	Applying
5.	Difference between print and echo statements	Analyzing
6.	What are type related functions	Understanding
7.	Write about type Identifier functions	Understanding
8.	Explain type casting	Understanding
PART –B		
1.	List out various key OOPs Concept and Benefits of OOPs	Remembering
2.	Write about PHP Constructors and Destructors	Remembering
3.	Illustrate PHP Object Cloning in detail	Applying
4.	Implement Single and Multiple Interfaces in PHP	Applying
5.	Classify various PHP Inheritance	Applying
6.	Discuss about PHP Namespace in detail	Understanding
7.	Explain how to Work with file and Operating System	Understanding
8.	Identify various Date and Time functions in PHP	Analyzing
UNIT IV - OBJECT ORIENTED CONCEPTS IN PHP		
Object Oriented PHP, Object Cloning, Interfaces, Inheritance, Namespace, working with files & operating system.		
PART – A		
1.	List out key OOPs concept	Remembering
2.	Figure out benefits of oops	Remembering
3.	What is constructor	Understanding
4.	Purpose of instanceof keyword	Analyzing
5.	Define interface	Understanding



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6.	Write about PHP Inheritance	Understanding
7.	Define PHP Namespaces	Understanding
8.	What are Directory Reading contents functions	Understanding
PART –B		
1.	List out various key OOPs Concept and Benefits of OOPs	Remembering
2.	Write about PHP Constructors and Destructors	Understanding
3.	Illustrate PHP Object Cloning in detail	Applying
4.	Implement Single and Multiple Interfaces in PHP	Analyzing
5.	Classify various PHP Inheritance	Applying
6.	Discuss about PHP Namespace in detail	Understanding
7.	Explain how to Work with file and Operating System	Understanding
8.	Identify various Date and Time functions in PHP	Analyzing
UNIT V - MySQL Basics		
An Overview, MySQL Architecture, The MySQL Engine, MySQL Datatypes, MySQL Operators, MySQL Function, Accessing Database in PHP, Updating Database, Creating a new Database, Working with Data, Joins.		
PART – A		
1.	List out primary subsystems of MySQL architecture	Remembering
2.	Write about support components	Understanding
3.	List out MySQL Functions	Remembering
4.	Classify MySQL Operators	Applying
5.	Discuss MySQL Data Types	Understanding
6.	Write about Insert and update commands in MySQL	Understanding
7.	How to write alias Table and column names in MySQL	Analyzing
8.	How to copy records in MySQL	Analyzing
PART –B		
1.	Identify and Discuss the Overview of the MySQL Architecture	Analyzing
2.	List Out and Explain various components of MySQL engine	Remembering
3.	Discuss various MySQL Data Types and Operators	Understanding
4.	Describe MySQL Functions and Operators in detail	Understanding
5.	Explain how to access a Database in PHP	Understanding
6.	Illustrate the process of creating and updating a database in PHP	Applying
7.	Determine how to work with data in PHP	Creating
8.	Classify and Explain various Joins in PHP	Remembering



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