

K.V.G. COLLEGE OF ENGINEERING
I Semester MCA

Sub. Code: 10MCA14
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First Internal Test
Subject: Introduction to UNIX

Date: 04-12-2012
Duration: 1 ½ Hour

Note: Answer any 5 questions.
 Read the question properly before answering.

1.	Which is the best way to start acquiring knowledge of the Unix? List and explain the ways to achieve it with proper examples.	10
	General- Purpose Utilities.	
2	“It is not the new inventions but rather in the full exploitation of carefully selected set of fertile ideas and its usage” why this sentence is more important for small yet powerful OS? Explain.	10
	Unix OS Software Architecture.	
3.	All files in UNIX are related to one another. Explain each of these with the UNIX reference point.	10
	Parent- Child relationship and UNIX File System.	
4.	All file attributes are kept in a separate area of the hard disk, not directly accessible to humans, but only to kernel. Why this is implemented in the UNIX OS? Explain.	10
	Three categories of File system in UNIX.	
5.	We see command output and error messages on the terminal – display, and we sometimes provide command input through the terminal –keyboard, How shell associates it?	10
	Redirection: the three standard files.	
6.	Suppose you want to edit and alter some of the contents of system files, which is very versatile tool that can be used for this? Explain it with its Modes.	10
	Vi Editor with Its Three different Modes.	
7.	If you want to work on with ordinary files which are the tools that are available. Explain each with example.	10
	UNIX Commands for working with Ordinary Files.	
8.	What is a multi-faceted program which is command interpreter and a programming language rolled into one? Explain its cycle with proper example.	10
	UNIX Shell and its interpretative cycle.	