

Marking Scheme
CA5CO16 Linux Programming & Scripting

Q.1	i.	Which of below kill command syntax is correct to terminate an ongoing process? (b) kill <process id>	1	Q.3	i.	Explanation of Command mode Explanation of Insert mode	1 mark 1 mark	2
	ii.	Write a command that will display all .py files alongwith permission. (a) ls -al *.py	1		ii.	Different types of shells Advantages of C Shell over Bourne Shell Not to be used	3 marks 3 marks 2 marks	8
	iii.	What is sed? (d) a non-interactive stream editor	1	OR	iii.	Loop Different methods of loops (2 marks * 3)	2 marks 6 marks	8
	iv.	In the shell, by default, all variables are considered and stored as (c) string	1	Q.4	i.	Read Multiply Result	1 mark 1 mark 1 mark	3
	v.	How to get 5 th element from each line from a file? (b) awk '{print \$5}'	1		ii.	Built-in String functions 1 mark for each function (1 mark * 3) Distribution for each function: (1 mark * 3)	3 marks 3 marks 3 marks	7
	vi.	Which of the following data types are preceded by a percent sign (%) in Perl? (a) Hashes	1	OR	iii.	Function Syntax Example	0.5 mark 0.5 mark	7
	vii.	Which command is record a user login session in a file (c) script	1			What is subroutine in perl? How to define and call a subroutine Passing arguments to subroutine	2 marks 3 marks 2 marks	7
	viii.	pwd command displays (b) present working directory	1	Q.5	i.	Permission Explanation of Read Explanation of Owner Explanation of Execute	1 mark 1 mark 1 mark 1 mark	4
	ix.	Full form of DHCP? (d) Dynamic Host Configuration Protocol	1		ii.	Manage Group Explanation of chgrp, groupadd, usermod commands (1 mark * 3)	3 marks 3 marks 3 marks	6
	x.	Which of the below can be used to view the routing table? (b) netstat	1	OR	iii.	(a) Creating an user (b) Deleting & disabling an user.	3 marks 3 marks	6
Q.2	i.	User binaries, their documentation, libraries, header files, etc 0.5 mark for each (0.5 mark * 4)	2	Q.6		Attempt any two:		
	ii.	Meaning of kerne Feature of the kernel	1 mark 2 marks		i.	Step to open Network Configuration Tool Tabs appear on the Configuration Tool dialog box	3 marks 2 marks	5
	iii.	Syntax Explanation Two Examples (0.5 mark * 2)	1 mark 3 marks 1 mark		ii.	Steps to connect with remote server using SSH.		5
OR	iv.	Meaning & explanation Examples by unzip, tar and gunzip 1 mark * 3)	2 marks 3 marks					

	Each step 1 mark	(1 mark * 5)	
iii.	DHCP	2 marks	5
	Configure DHCP in Linux	3 marks	
