Third Year B.C.A (Semester - I) Examination Paper - 15BCA302

Linux And Shell Programming

Time: Three	hours]	[Full Marks - 60
ii)	dimensions. Assume suitable of	ry equal marks e given to neatness & adequate data wherever necessary. nk/refill only for writing the
a) TI i) ii) iii) iv b) W i) iii c) W	ne 'Logout' built in construction Shutdown the construction Logoff of the correction to exit the current thich command characters (change)	omputer mputer it user int shell inges a file's group owner. ii) chgrp iv) group sed to de lete the character
i) iii d) In ar i) iii e) W co i)	X) D the shell, by defaulted stored as string) character	ii) x iv) d t, all variables are considered ii) integer iv) float up shorthand for command or ii) alias iv) echo

Q.2		Draw and explain LINUX Architecture. Explain various file oriented command used in Linux with syntax and example.	65	 Q.8 a) Explain Shell Function with its syntax and example. 6 b) Write a program for simple shell to calculate factorial of given numbers.
		OR		OR
D.4 a) E		Explain various directory oriented command in Linux with syntax and example. Explain Different Flavors of Linux. Explain the following General Purpose command used in Linux with syntax and example. i) split ii) tee iii) man iv) cal	6 5	Q.9 a) Explain Iteration statement with its Syntax and example. b) Write a simple shell program whether the member is odd or even by using control statement. 5 Q.10 a) Explain C shell arrays with example. 6
	b)	Explain various Backgrounds command used in Linux with its syntax and example.	5	b) Write a program for C shell to display table of specified no using For Statement. 5
		OR		OR
Q.5		Explain various file Access permission command used in Linux with its syntax and example. Explain following command used in Linux with syntax and example. i) is ii) write iii) mail iv) wall	5	 Q.11 a) Explain the If Statement in C shell with its syntax and example. b) Write a program for C shell to print Welcome message five times using While loop. 5
Q.6		State and explain various modes used in VI editor. Write a program on used of pipes.	6 5	
		OR		
Q.7		Explain various filters command with its syntax and example. Explain the following command with its syntax and example. i) Search ii) Cursor movement iii) replace	5	*****

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