USP	١.		10CS44
		Fourth Semester B.E. Degree Examination, June/July 2 UNIX and Shell Programming	015
		1 (1) 전에 유는 발표 (1) 전에 전혀 전혀 전혀 전혀 있다.	
Tit	me:	3 hrs. Ma	c. Marks: 100
		Note: Answer any FIVE full questions, selecting atleast TWO questions from each part.	3. T. O
		PART - A	1,2.
1	b.	Illustrate with a diagram, the typical UNIX file system and explain differes supported in UNIX.	(08 Marks) of types of files (98 Marks)
	e.	Explain internal and external commands with example.	(04 Marks)
2	R.	Which command is used for listing file attributes? With describe the significid of the output.	ficance of each
	b.	A file's current permissions are rw - r - x r - x Descript the church express	
		change them for the following:	
		0) rwsrwsrws 0) rr	[[]
			= >- >-
		Using both the relative and absolute methods of assigning permissions.	(96 Marks)
	e.	What are the different modes over editor? Explain with a diagram.	(06 Marks)
3	4	Explain the three standard files with respect to UNIX operating system.	(96 Marks)
	c.	Explain the mechanism of process creation using system calls in UNIX. Explain the following environment variables with examples : 1) SHELL : 1) LOOK WIE:	(06 Marks)
		iv) Page	(08 Marks)
4		Distinguish between hard links and soft links with suitable examples.	
di	4	Explain the following filters with options: i) pr	(06 Marka)
10	99	B) sort.	(98 Marks)
	e.	Use find command to locate from your house directory:	
		All files with the extension -html All files having mode number 9076	
		iii) All directories having permissions 666	
		iv) All files not accessed for more than a year	
		v) All but the C program files	

vi) All files named a-out and all "C" source files and remove them interactively. (66 Marks)

PART - B

		FARL = B	
5	ь.	Explain grep command with all options. Briefly explain the different ways of addressing used in sed with example.	(68 Marks) (66 Marks)
	c,	Explain BRE (Basic Regular Expression) character subset used for const expressions.	
	d	sample.	n a file named (92 Marks)
6	#.	What is shell programming? Write a metu – driven shell script of efform the i) List of users who are logged in j) List of files in the current directory iii) Today's date	following:
	929	iv) Quit to UNIX.	(08 Marks)
	Ь.	Explain with an example "while" and "for" loop to shell programming	(06 Marks)
	C.	Briefly explain set and shift commands in What to manipulate positional p example.	(06 Marks)
7	W.	What is AWK? Explain any three AND - in functions in AWK.	(07 Marks)
	b.		(06 Marks)
	e.	Explain built - in variables in WK.	(07 Marks)
8	16.	Explain the string lumbling functions supported by PERL and also write a	PER! acrist to
-	3	convert a given de thral number to binary equivalent.	(12 Marks)
	b.	Explain the falls ing in PERL with example : i) split	
		Explain the string beginning functions supported by PERL and also write a loovert a given Spinl number to businy equivalent. Explain the Spikeling in PERL with example: (i) 1907 (ii) 1907 (iii) 1907 (iii) 1907 (iii) 1907 (iii) 1907 (iii) 1907 (iiii) 1907 (iiii) 1907 (iiii) 1907 (iiii) 1907 (iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii	(68 Marks)
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