## PROPOS SAGA

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USN				15CS35
	Third Semester	B.E. Degree Examina	tion, June/July 20	19
	(INU WILL	( and Shell Progra	amming	
Tin	ne: 3 hrs.		Max	. Marks: 80
	Note: Answer any FIVF fi	all questions, choosing ONE	full auestion from each	module.
	Hote. Answer any 11712 j.			
1	<ul><li>a. With a neat diagram, exp</li><li>b. Describe the salient feat</li></ul>	Module-1  plain the architecture of UNIX  ures of UNIX operating system	Coperating system. m.	(08 Marks) (08 Marks)
		OR		
2	<ul> <li>a. Explain the following continuous:</li> <li>b. What are internal and explain the help of example</li> </ul>	iii) date ternal commands? List any tv	vo examples. ) apropos	(06 Marks) (04 Marks) (06 Marks)
		<u>Module-2</u>		
3	b. What is parent-child relatree.	es of files supported in UNIX ationship? With the help of n	eat diagram, explain UN	(06 Marks)
	c. With suitable example, l	oring out the difference betwe	en absolute and relative	pathnames. (04 Marks)
		OR		(0111211111)
4	b. File current permissions for the following:	ificance of the seven fields of are rww_r Write chm	od expression required	(08 Marks) to change them
	(i) r_r_x (ii) r vusing both relative and a	wxrwx_x (iii) r_x r_x r absolute methods of assigning	:_x (iv) r w x r w x r_ permissions.	(08 Marks)
5	a. What are the different m	Module-3 nodes of operations in Vi editor	or? Explain with a suitab	ole diagram. (08 Marks)
		following UNIX commands:	_	
ı	i) mv * ··/bin iii) lp note[0-1][0-9]	ii) cp ?????? progs iy) rm *·[!ℓ][!o][!ş		(04 Marks)
		ping and Quoting with suitab		(04 Marks)
•		OR		
6	a. What are the three stand	lard files in UNIX?		(06 Marks)
	<ul><li>b. Explain 'grep' comman</li><li>c. Write the output of the</li></ul>	_		(06 Marks)
	i) sed '3q' abc ii) \( \s \) = \( \frac{1}{3} \) grep \( '\lambda \) d'	>directories		
	iii) sed –n '\$p' abc	- 4110001103		
•	iv) sed -n '3, \$!p' abc			(04 Marks)

			Module-4			
7	a.	Explain the following envir	onment variables with ex			
	b.	i) SHELL ii) LOGNAN Explain sort command with		1	(04 Marks (08 Marks	
	c.	What are hard link and sym			(04 Marks	
			OR			
8	a.	Explain special parameters	used by the shell.		(08 Marks)	
	b.	Write a menu driven shell users of the system.	script to display list of	files, process of user, to	*	
		doors of the system.			(08 Marks)	
9	0	Evaluin the mechanism of a	Module-5	4 INIIV	(06 Marks)	
,	a. b.	b. Explain here document (<<) with an example. Also mention its use.				
	c.	Explain the following comm	nands with example: (i) k	ill (ii) bg (iii) fg	(04 Marks) (06 Marks)	
			OR			
10	a.	Explain split and join function	ons with example.	CMRIT LIBRARY	(04 Marks)	
	b. с.	How is file managed in perl' Using command line argum	? Explain with an examp ents, write a Perl progra	le. BANGALORE 360 037	(04 Marks)	
		a sound community mile argum	ones, write a cri progra	in to find whether a give	on year is leap. (06 Marks)	
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