Question Paper Version: A

Fourth Semester B.E. Degree Examination, Dec.2023/Jan.2024
Unix Shell Programming

Time: 1 hr.]

Max. Marks: 50

INSTRUCTIONS TO THE CANDIDATES

1. Answer all the fifty questions, each question	carries	one mark.
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- 2. Use only Black ball point pen for writing / darkening the circles.
- 3. For each question, after selecting your answer, darken the appropriate circle corresponding to the same question number on the OMR sheet.
- 4. Darkening two circles for the same question makes the answer invalid.

5.	Damaging/avarywiting using white	nave on the	OMD	ahaata	0.44.0	atui atles
٥.	Damaging/overwriting, using white	ners on the	OMIK	Sheets	are	strictly
	prohibited.					
1.	What is UNIX?					
	a) An operating system	b) Programmi	ng Lang	ıage		
	c) Software	d) Editor		At a		
				April 1		
2.	Select the features of an UNIX shell,			<i>y</i>		
	a) UNIX shell is a command interpreter		Z-1			
	b) UNIX shell scripts can help in automatio		9			
	c) Like any programming languages, UNIX	shell supports	variables	, condition	onal	
	statements, array etc.	4				
	d) All of these	And the second				
2	Which of the fellowing is not IDMV	10				
3.	Which of the following is not a UNIX common of the			1/ 1.1		
	a) cd b) rm	c) pwd		d) del		
4.	The command pwd gives,					
	a) Present working directory	b) Password in	n encryn	ted form		
	c) Password in decrypted form	d) None of the	W .A.	101111		
	o) rassword in designed form	d) Trone of the	750			
5.	cat command is used to,					
	a) caphere a file	b) display a fil	le			
	c) print a file	d) copy a file				
6.	Who command is used for,					
	a) displaying a set of files	b) displaying a		native lis	ting o	of users
	c) both (a) and (b)	d) none of the	se			*
-	WILLIAM TO THE TENTO		°1 0			
7.	Which UNIX command is used to display the		nie?	1)		
	a) display b) show	c) echo		d) cat		

Ver-A: 1 of 4

8.	Which UNIX command a) script by		ser login session in a fi	le? d) record
9.	Which command is used a) tty b)	l to set terminal IO c ctty	haracteristics?	d) stty
10.	Which command is used a) octal by	d to display the octal text-oct	value of the text?	d) od
11.	Which command is used a) $ls -1$ *.lst by	d to list all the files w) ls lst*	vith extension .lst? c) ls * *	d) ls * [lst]
12.	Which command is used a) cd p b	d to change directory cd p?	to the name beginning c) cd p*	with a 'P'? d) cd [p]
13.	Which of the following login directory? a) /tmp b	directories contains) /etc	all the Alias created by	y a user, including his d) /dev
14.	Which of the following		and in more than one di c) date	rectory? d) Both (a) and (b)
15.	The size of any block in a) 512 bytes	the UNIX file syste b) 1024 bytes	m is, c) 2048 bytes	d) any of these
16.	Which command sends a) we infile>newfile c) we infile - newfile	the word count of th	e file infile to the newfile b) we newfile d) we infile newfile	ile?
17.	Which command is us followed by non-numer a) cat emp[!0 - 9] c) cat emp[x - z]		b) more[emp][!0 - 9] d) cat emp[a - z]	the string 'emp' and
18.	In general the working a) / b	directory of the user o) /root	root is, c) /admin	d) /home / root
19.	- a option is used with la) for showing hidden for showing directors	iles	purpose? b) for showing execut d) for multi columnar	
20.	Each entry of directory a) filename c) filename and inode	4-1	b) namely, b) node number d) file size	
21.	The octal number to writable and executable a) 000			
22.	Which command is use the user and assign read a) chmod u-x, go+r not c) chmod g-x, u0+r not	d permission to the gree	roup and others? b) chmod go+r, u+x r d) chmod go+x, u-x n	

23.	The default permiss: a) chmod value c) umask value	ion bits of a file when it	b)	reated for the first to fmask value None of these	ime,	is controlled by,
24.	The default value of a) 1024	Fumask is, b) 4021	c)	0022	d)	1001
25.	The permission 746 a) $rw x rw x \times$ c) $rw x r - x r - x$	can be represented as,	20000000	rw-w-r- x rw x r rw -		
26.	Which command is a) chgrp	used to change group or b) cgrp		r of the file?	d)	nuogroup
27.	Each process in the a) Pidentity	system has a unique b) Processidentity		pid	d)	proid
28.	If two files on same a) Soft links	partition point to the sa b) Hard links		inode structure they Alias		called, Special files
29.	The soft link will inca) True	crease the link counter of		e file (True/False), False		
30.	Which command is a) Search	used for locating files? b) find	c)	loc	d) 1	type
31.	What is a shell scrip a) group of comman c) a file containing a			a file containing spe group of functions	ecial	symbols
32.	Shell scripts are execa) True	cuted in a separate child b) False	she	ell process,	*	
33.	The first line in any a) &	shell script begins with b)!	a	\$	d)	#
34.	The complete set of a) \$n	positional parameters is b) \$#	sto c)	red in as a \$\\$*	sing d) S	gle string. \$\$
	OS = unix	3.\$OS 4. Unix .Unix 4. \$OS \$OS 4. \$OS		4. \$OS		
	a) 0 Which of the follows:	b) 1		-1	d)	2
37.	a) %%	ing operator is used as a b) []		%&	d)	()

38.	statement match	nes an expression for m	ore than one alternative	. 3
	a) for	b) while	c) elif	d) case
39.	Which command is u	sed to terminate a proc	ess?	
	a) shutdown	b) Hatsys	c) Cancel	d) kill
40.	Which command is u	sed to display the chara	acteristics of a process?	
40.	a) Pid	b) du	c) PS	d) are
41.	Three distinct phases a) Fork, Exec, Wait	in the creation of a pro	b) Fork, Check, Wait	
	c) Exec, Fork, Check		d) Exec, Check, Wait	Y
	0) 200, 1 0, 0		A	
42.	What is Cron?		1)	
Ŷ.	a) a simple processc) a daemon		b) an orphan processd) a zombie process	
	,			
43.			d exit status not receiv	red by the parent, the
	process state become		a) Aughan	d) zambia
	a) new	b) stopped	c) orphan	d) zombie
44.	command	will bring the backgrou	und jobs to the foregrou	
	a) bg	b) gd	c) fg	d) kill
45.	Every process has a	parent process.		
	a) True	b) False		
4.6	1.	1.6	A Co	
46.	grep command is use a) deleting a pattern	ed for	b) Searching a pattern	
	c) appending a pattern	rn V	d) moving a pattern	X
	7 11	V (**)		
47.	The chop function is a) Removing the last		b) Removing the first	character
	c) Removing the mic		d) Removing all chara	
48.		d with PS command to		d) A and a
	a) – A	b) -a	c) -e	d) $-A$ and $-e$
49.	What is the value r	eturned by fork system	m-call. When the creati	ion of child process is
	unsuccessful?			10.75
	a) Positive integer	b) Negative integer	(c) Zero	d) Fractional value
50.	Which command is	used to for executing jo	bs according to their pr	riority?
	a) nohup	b) \$	c) &	d) nice
		***	· * *	