				per l		v /	$\sim \sqrt{J}$	Janeary.	
XO	XC) • X	()	A DOME		XO	X		\times
	, ,						R17		
(Code No: 54	58AN			AT TINIVERS	TY HYDERA	BAD		
	JAWA	HARLAL N	EHRU TE	CHNOLOGIC ester Examinati	ions June/July	- 2019			
		M. Te	ch II Sem	WORK PROGE	RAMMING	\ / _	/	And the second	
XO.	Time: 3hrs	$j \mid X$	Comp	uten Science and	Engineering	X Ma	x.Mar ks:7	5	X
, ,		di non	er contains	two parts A and	В.		A Dort	D.	
	Part	A is compul	sory which	any one full que	estion from each	questions in Pa unit. Each que	estion carri	es	
	10 m	narks and may	y have a, b	, c as sub questie	\ /	*\/A	\>	10	
XO	X($\supset \cdots >$	$\langle 0 \rangle$	PART - A	, X0	$\times_{5\times 5}$	Marks =	25	X
7 5 500							[5]		
_	1.a) Wri	te a shell scri	pt to displa	ny multiplication	table.		[5]		
	1) YI/h	ot is ornhan r	rocess? Ho	W It is created:	Explain.		[5]		
	c) Des	cribe unrelia	ble and reli	able signals. with the help of	examples:		[5]	10	
XO	d) Exp Dis	cuss about be	sic RMI p	rocess	XO	XU) 191		
		· · · · · · · · · · · · · · · · · · ·		PART -	В	5 x 1	0 Marks =	50	
						31	V 11.2		
		*	1	he concept of fil	ters		[10]	
	2. Giv	ve examples	to explain	he concept of fil		N./~	\	104	
XO	$\begin{pmatrix} 3.a \end{pmatrix}$ $\begin{pmatrix} W_1 \\ b \end{pmatrix}$	rite a shell so	ript to test	whether the give	en number is pri mands and expla	me or not. ain with examp	iles. [5	+5)
					and record to	ocking with the	help of sy	ntax	
	4. Ex	cplain the sys	tem calls u	sed for file locki Compare above	locking technic	jues.	_	[10]	
	an	d appropriate	e examples	OR			1\.	- FA-	
	C \ D	Inlain the he	low syster	OR calls with hel	p of syntax and	quote relevar	n example	X ⁰ ()	\
XC		ich.	X()		() \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(e)exec		[10]	
	/ (a	fork	(b) exit	(c)wait	(d) waitpid				
			1:ffarant A	PIs available fo	r messages? Ex	plain with the	help of sy	ntax	
*							1	[5+5]	
	b) V	nd examples.	ernel data s	tructures for the	message queues		1	[313]	
	\	1	X / \sim	\/\	Client boo to	pend a filenan	ne to the se	erver.	
$X \cap$	7. X	Vrite a client	server pro	gram using pipe e if exists and se	end its contents t	o the client. If	the file do	s not	
///	/ (S	Server has to	read the in	e ii exists and se	e "file does n	ot exist". Afte	er receivin	g the	
	e	exists server	server clie	ent has to display	the contents on	screen.	m=: W =	[10]	
	C	Outents Hom	DOL TO						
								\ /	
. \/ c	7 /	(Xo	×XC	\times	$)$ \times		XO	

