	(1)
OPERATING	
SYSTEM	
L1	HARTS OF OS IN MANAGE
marchine product of a 2798/	>(LI
What is operating System?	Interfale: Shell. (command line threafale)
intervanianon ( part )	- lives of os
. Intestage between user and	Until (Kesual)
travduage 900 plan welland	1
· Software abstracting hardware	• • • • • • • • • • • • • • • • • • • •
· Set of Utilities to Simplify	Totestair-> 1) GUI 2) CLI
application development/	( 3) Batch Interface.
Execution of I	2293000 24/ L 21 hd about nodes
· (ontrol program.	SYSTEM CALLEGE TE CONT STORY
· Acts like a government.	+ist 401225 95H
· notestite	Theor are So many Junctions
Services of Osmal mum/s	inside the Kernal; to use those
	Junction Os need to coll thuse
1) User Intertage collo 20	Mondian, So that it consum and
2) Program Exection ** 1000	postorm some tusk, this call is
3) Ilo operation.	Called System Call. 12 59
4) File-System Manipulation	A System Call is a way for
5) Communication (Inter-process	programs to interact min 07.
(omminication)	spiral sp
e) Exsos Defection	Protection in 1057 6224689= 2 ==
1) Resource Allocation 220069)	1. spandagestures
8) Accounting of mario assure	all the process inside the must
a) Protection and Security.	do their own operation : It
grimmipos q illum to 998 pat 2A .	Should not aftert other process
(200/80/05) US) 292090111	or it should not do some other
(10361) 25CP 129209CD1 02112	operation which is not permitted
· Convenience (usex-friendly)	by the each process, to implement
· Ethinealy stota to 290 pt (a	this as gives protection the
· Porta bility.	process: to implement this
· Reliability.	It is alopady give across to
· Scalability. Judgmas 969	the process the
· Robustness.	operations abready assigned to
	the proceess of other than those
	operation processes de will pot

-> Every process has a deadling		
Types	The contract for the	
TIPES		
1 (100) 1/ 1	2000 100	
MARD RTOS	SOFT RTOS	
Strict about	-pxolgs gmo2	
Dead line	-honin	
69/	Deadline.	
8) HAND-HELD DRVICE OS		
Os used in Hund held Devices		
like Smastphones Ds, which		
work only on Smpastphones.		
1 600 who a 1	1 / 1	