	The lot	Swapping Context-Switching Orphan broad
-	n be	1. Zampie proces
	•	Swapping
بر بر	(A)	Time-Sharing system may have medium term
1		Schedular (M TS).
	(b)	Remove processes from memory to reduce degre
		of multi-programming
		These removed processes can be reporteduced
5		into memory, and its execution can be

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	continued where it left off. This is called
	Swappings allded Harm to walk to me and
(A)	Swap- out and Swap-in done by MTs.
(0)	Swapping. is ne allow to improve process mix
	or because a change in menory requirements
	has overcommitted available memory, requiring
	memory to be freed up? nad and and
	The other bureau between boxes had and
(4)	Swapping :- It is a mechanism in which a
	proces can be swapped temporanily out of main
y .	memory (or move) to se condary storage (disk) and
	make that memory available to other processes. At
	Done later time, the system swaps back the
	process from the secondary storage to main
	merosogy.
Mr. and I	was a stadion of the forest on it are and older 35 At (1)
es es	on which we have the first the state of the
F	Swap-in - I partially executed swapped (
	Swapout (d)
	earn file semand to road who produced to and
	Ready queue CPU) end
	I the married feeled who will make kinder
	Land State of the
	(SIOX SIO Waiting queue)
	and the second of the second o
(*)	Context - Switching and trasport support
0	Switching the cou to another proces required performing
664	a state save of the current process and a state
And Constitution	restore of a different process.
6	When this occurs, the Kernel Sayes the context
No Chin	of the old process in its PCB and loads the soved
	context of the new process scheduled to run.

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	It is pure orientead, because the system
	does not relegiel work while switching.
a	Speed varies from machine to machine
× 100	depending on the memory speed, the no.
12.14	of Tegisters that roust be copied etc
to N	ad last a democran aldolomen betimen des vis had like
	of orphan process
	The process whose parent has been
	terminated and it is still rumming.
	Orighan processes are adopted by init
	10-80 Cost star (2010 cos) 92 of (0 and con con university)
+A (Cr)	Brit is the first process of OS
9.4	To the same of the
A Property of the Parket of th	Zombie proces / Defunt process
(a)	A zombie process is a process Whose execution
	is completed but it still has an entry in
	the process table to be the
(6)	Zombie processes usually occur for child
	processes, as the parent process still needs
1-6-	to read it's child's exit status once
	this done using the wait system call,
1	the Zombie process is eliminated from
	the proass table. This is known as
THE RESERVE OF THE PARTY OF THE	reaping the Zorobie process.
	It is because parent process may call weit ()
The second second	on child broker for a longer time duration
	and child process got terrominated much earlier.
	serroved after the parent process reads the exit
1.31750. 2	Status of child process. Hence, the child process remains
<u>.</u>	Zombie till it is removed from the process table.

Si Gya,