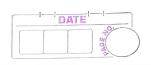
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	OS Assignment 2
0.1)	$a) \times V_{\epsilon}$
<i>™</i> →	① XVe is a teaching operating system doeloped
	for MIT course
	@xve provides the basic interpoles introduced by
	Ker Thompson and Deenis Richies Unix OS, also
	minie King ite internal design.
	3 Because if is based on UNIX its also has a Kennel
	where services can be accessed by the means of
	a system call It provides system calls the ones
	phovided by the UNIX.
	@ It uses X86 instruction set. The OU is time showed
	among photosses; it transparently switches the
	avaliable. Our omong the set of heady procloses.
	(5) The X 16 round uses file description can integer
	representing a Kennal managed by object that a
	process may read on white from as an index
	of the phouse table
	(6) In XVE file system provides data files which
	named references to date files and other directions
	OIT also supports special nade files to that act
	as interface to I/O device
	8 xvb implements a monolithic keynel
	The state of the s
(0.1)	b) RIOS
	Oreal time os are used in environments where a
	large number of events, mostly external to the
	Computer systems must be prepared accepted and
	processed in a short time or within certain
	deadlines.



- Osuch application are individual control telephone cuitating equipment, flight control & real time simulations
- @ This system is extremely time bound and deadline must be met
- The scheduler employs some combination of phillips based scheduler to ensure deadlines of important interrupts are met.
- 5) It is very rightweight to improve the performance by suttiting down on overheads.
- Ott is extremely enour resilence and employs a watch dog

Q.D. c) mobile openating system

- phony tablets like devices.
 - Diwhile it performs jobs some on atteast similar to that of desktop 08. It inco incorporates various other dements and different sequirements.
 - BAT basiz level it incorporates a specialized us meant for smaller surles and touch interfaces.
 - Because mose devices have battery on they are very estiment and as such avoid too much load on chus a noneurly possible
 - Broday majority of smart phones use ARM chips and as such many mobile oss speciality specifically.

 make we of optimizations made possible by

 ARM anchitecture



(OA mobile also contains radio received & tronsmitter module to facilitate Radio network connection. The network stack is optimized to collectly make use of this module while ensuring both high pelibormonie & optimal battery isoge The spawity on these os is often very tight and do not follow for odnin previleges in most or volles the device is wooded with a difference

boothoader and in two a new os

(i) Andriod

It is the most common as well as well known mobile based 05 based on linux 2.6 to phovide services such as security, menory management process management, device model etc

It is a dosed source as by Apple developed Posse iPhones & iPods. It is based Doswin which itself is an open source unix like operating

It is developed byt for Mozilla face domb keyed shorts.