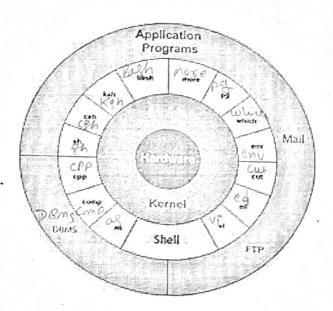
THE UNIX ARCHITECTURE:



- UNIX architecture comprises of two major components viz, the shell and the kernel.
- The kernel interacts with the machine's hardware and the shell with the user.
- The kernel is the core of the operating system. It is a collection of routines written in C.It is loaded into memory when system is booted and communicates directly with hardware.
- User programs that need to access the hardware use the services of the kernel via use of system calls and kernel performs the job on the behalf of the user.
- Kernel is also respnsible for managing system's memory, schedules processes, decides their priorities.
- The shell performs the role of command interpreter. Even though there's only one kernel running on the system, there could be several shell in action one for each user who's logged in.
 - The shell is responible for interpreting the meaning of meta charecters if any ,found on the command line before dispatching the command to the kernel for execution.