

1.

[illegible]

3. Can the init process always terminate any process in the system? Explain.

Init process cannot always terminate any process. It can terminate most of the processes in the processes system using SIGKILL or SIGTERM because it is a parent process. However, there are some limitations that restrict the init process to terminate some processes such as processes that are owned by users with higher permissions, or kernel-protected processes that cannot be terminated by init process to prevent system disruptions. Also, Init process cannot terminate itself. Init process only stops when the system shuts down.