

③ Device Drivers: Acts as interface b/w software & hardware.

④ File System Management: Manages how data is stored & retrieved.

⑤ Network Management: Handles communication b/w systems.

c. Shell (Command Line Interface - CLI)

- A command interpreter that allows users to interact with the kernel. Examples: bash, fish etc.

- Converts user's commands into system calls for the kernel.

d. User Applications - End-user programs like web-browsers, text editors, DevOps tools etc.

- Applications interact with OS using system calls via the shell or GUI (Graphical User Interface).