Q1 :

1. Memory Organization

2. File System (and disk) management

3. Program execution + Multitasking (in modern OSs)

4. Hardware detection and management

5. User interface

Q2 :

The difficulties between users and computers, and now displaying visuals of what the user wants.

Q5 :

an operating system that reacts to current events and actions occurring around it. Has little user interface capability and no end user utilities.