Purpose of Operating Systems

1. What is the intermediary between the computer programs and the hardware for the computer?  
 A. OS  
 B. SSID  
 C. WPA  
 D. Keyboard  
  
Answer: \_\_\_\_\_\_\_\_

2. The \_\_\_\_\_\_ is where the operating system controls and maintains where all the data is stored on the disks.  
 A. Process management  
 B. Disk management  
 C. Application management  
 D. Data management  
  
Answer: \_\_\_\_\_\_\_\_

3. \_\_\_\_\_\_ is important to make sure that the system is not using more memory than it has, while also running at maximum capacity.  
 A. Process management  
 B. Storage management  
 C. RAM management  
 D. Memory management  
  
Answer: \_\_\_\_\_\_\_\_

4. If the OS needs to end processes, this is known as \_\_\_\_\_\_.  
 A. Task kill  
 B. Force quit  
 C. Ctrl-Alt-Del  
 D. Task manager  
  
Answer: \_\_\_\_\_\_\_\_

5. The operating system will control \_\_\_\_\_\_ for the processes which determines how much processing power each process gets.  
 A. Distribution  
 B. Allocation  
 C. Scheduling  
 D. Administration  
  
Answer: \_\_\_\_\_\_\_\_

6. What does GUI stand for?  
 A. Graphics utility interface  
 B. Graphical user interface  
 C. Gigabyte utility interference  
 D. Graphic unidirectional interference  
  
Answer: \_\_\_\_\_\_\_\_

7. \_\_\_\_\_\_ is the selective restriction of access to an application or file.  
 A. User ban  
 B. File block  
 C. Access control  
 D. None of the above  
  
Answer: \_\_\_\_\_\_\_\_

8. What is part of the operating system management?  
 A. Device Management  
 B. Disk Management  
 C. Access Control/Protection  
 D. All of the above  
  
Answer: \_\_\_\_\_\_\_\_

9. Which device does a mobile device OS work on?  
 A. Smartphones  
 B. Smartwatches  
 C. Tablets  
 D. All the above  
  
Answer: \_\_\_\_\_\_\_\_

10. Which of the following workstation OSs is open-sourced?  
 A. MacOS Catalina  
 B. Windows 10  
 C. Windows 7  
 D. Kali Linux  
  
Answer: \_\_\_\_\_\_\_\_

11. \_\_\_\_\_\_ are operating systems that control servers.  
 A. Server operating systems  
 B. Management operating systems  
 C. Workstation operating systems  
 D. Server control systems  
  
Answer: \_\_\_\_\_\_\_\_

12. Which of the following is NOT a type of server?  
 A. Mail server  
 B. Database server  
 C. RAM server  
 D. Web server  
  
Answer: \_\_\_\_\_\_\_\_

13. A(n) \_\_\_\_\_\_ is a specialized operating system that is designed to run a certain task for a device and should be very reliable.  
 A. Specialized OS  
 B. Embedded OS  
 C. Application OS  
 D. Dedicated OS  
  
Answer: \_\_\_\_\_\_\_\_

14. What is firmware?  
 A. Software that controls specific hardware devices connected to a system  
 B. Software designed to resist any changes to a system  
 C. Hardware designed to perform a specific task  
 D. None of the above  
  
Answer: \_\_\_\_\_\_\_\_

15. A(n) \_\_\_\_\_\_ is also known as a virtual machine monitor.  
 A. Oculus  
 B. Hypervisor  
 C. Oracle system  
 D. None of the above  
  
Answer: \_\_\_\_\_\_\_\_

16. What is a Type I Hypervisor?  
 A. A hypervisor that runs on multiple machines through one interface  
 B. A hypervisor that runs on one machine and controls different virtual machines on that system  
 C. A hypervisor that is hosted and not ran directly on that machine  
 D. A hypervisor that allows multiple machines to access the same virtual machine  
  
Answer: \_\_\_\_\_\_\_\_

17. What is not a common workstation OS?  
 A. Microsoft Windows  
 B. macOS  
 C. Linux  
 D. Apple OS  
  
Answer: \_\_\_\_\_\_\_\_