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: \_\_\_\_\_\_\_\_