1. Select the false statement
2. Memory bus connects the RAM to CPU
3. High-speed graphics bus(AGP or PCI) connects graphics card to CPU
4. South bridge connects the hard disk, USB, Ethernet, etc.,
5. None of the above
6. Load balancing is used when, there is/are \_\_\_\_\_\_\_\_\_
7. Multiple cores
8. Single core
9. Multi-programming
10. Multi-tasking
11. Concurrency control is \_\_\_\_\_\_\_\_\_\_\_
12. Synchronize/serialize access to resources
13. Do not allow multiple access to resources simultaneously
14. Allow multiple access to resources simultaneously
15. Do not allow any access to resources
16. The stages of instruction pipelining are
17. Fetch, decode, execute, memory read, write back
18. Fetch, execute, decode, write back, memory read
19. Decode, fetch, execute, memory read, write back
20. Memory read, decode, execute, fetch, write back
21. The control flow is sequential except for the execution of
22. branch instructions
23. trap
24. system calls
25. all the above
26. What is NOT true about interrupts?
27. Interrupts are caused by hardware
28. Interrupt handler is executed
29. Processor execution mode switches to protected/kernel mode
30. Interrupts result in always aborting the application
31. What is NOT true about the DMA controller?
32. DMA controller has direct access to memory
33. Transfers data to/from RAM to/from the peripheral controller
34. Processor writes to the Buffer and issues DMA transfer command
35. DMA controller sends a command to processor to indicate transfer is complete
36. Which of the following is not true about byte ordering?
37. Most significant Byte stored at lower address is Big Endian
38. Least significant Byte stored at lower address is little Endian
39. Least significant Byte stored at lower address is Big Endian
40. Most significant Byte stored at higher address is little Endian
41. A system call is NOT
42. A part of processor instruction set architecture
43. Enforces the processor to switch from user mode to kernel mode
44. The interface for the services of the OS
45. An application programming interface(API)
46. Which of the following is NOT a file management related system call
47. Read
48. Write
49. mmap
50. Close
51. Which of the following is NOT a memory management related system
52. Mmap
53. Poll
54. Brk
55. Munmap
56. Which system call is used by malloc for memory allocation?
57. mmap
58. mprotect
59. brk
60. lseek