

Republic of the Philippines
SULTAN KUDARAT STATE UNIVERSITY
COLLEGE OF COMPUTER STUDIES
Isulan Campus, Isulan, Sultan Kudarat

IT ELEC 212 – Platform Technologies
Midterm Examination

Name : _____ Year /Section: _____ Score: _____

Instruction: Write your answer in a separate sheet provided.

Test I. True/False

1. Are platforms software?
2. OS can control and execute application programs.
3. The Operating System is also considered software.
4. OS will run according to user instructions.
5. The microcomputer was launched first before the minicomputer.
6. Microcomputer consists of multiple processors.
7. A minicomputer is affordable and more user-friendly than a microcomputer.
8. A microcomputer is slower than a minicomputer in speed and performance.
9. The storage space of microcomputers is higher than that of minicomputers.
10. At present, we belong to the 5th generation of computers.

Test II. Identification

11. These are mainly multi-user systems with more than one user working simultaneously.
12. It allows direct command entry by the user.
13. A group of technologies used as a base upon which other applications, processes, or technologies are developed.
14. It manages and allocates resources.
15. It is commonly defined as extracting relevant information from a larger data set.
16. It provides an environment for running user commands.
17. It is a program that acts as an intermediary between a user of a computer and the computer hardware.
18. It controls the execution of user programs and operations of I/O devices.
19. It uses a single integrated semiconductor chip for its central processing unit and is commonly used in the fourth generation.
20. A program running at all times on the computer is called.
21. An operating system allows only a single user to perform a task simultaneously.
22. It allows a lot of users to share data and resources at the same time and is called a network.
23. It is defined as a data processing system requiring a time interval to process and respond to input immediately.

24. It is designed with a single user in mind but can deal with many applications running at the same time.
25. Any computer system or computing device that performs a dedicated function.
26. It is one of the types of operating systems that can handle single functions such as electronic payments which are credit card-sized devices.
27. It is called the brain of the computer.
28. It contains the memory address of the next instruction to be fetched and updated to point to its successor.
29. It points to the top of the current stack in memory.
30. It contains the condition code bits, the CPU priority, the mode, and other control bits.
31. It is a device that performs the check and mapping in the physical memory.
32. An address is generated by the program in checking and mapping the memory.
33. An address used by the memory.
34. They send control signals and data between the processor and other components.
35. This is when two (2) or more processes are interacting and get themselves into a stalemate situation.
36. A sort of pseudo file that can be used to connect two processes.
37. A system call that creates a new directory.
38. A system call that removes an empty directory.
39. A system call that changes the working directory.
40. A system call that mounts a file system.

Test III. Provide the exact meaning of the following acronyms below:

41. DOS
42. API
43. PDF
44. OS
45. RAM
46. ROM
47. CLI
48. GUI
49. CPU
50. VM
51. CP/M
52. LSI
53. ALU
54. CU
55. PSW
56. PCI
57. SCSI
58. USB
59. IDE
60. ISA

Test IV. Enumeration

(61-63) 3 characteristics of PDF.

(64-68) 5 examples of platform technology.

(69-71) 3 examples of the mobile OS.

(72-75) peripheral devices that belong to the USB controller.

(76-77) 2 Types of Disk Storage.

(78-82) 5 Examples of handheld devices.

(83-90) 8 Buses with different transfer rates and functions.

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