



# 2023\_1\_OS -Chapter 1\_Thursday\_Class

1. Student Name \* 

Nguyễn Tiểu Phương

2. Student Id \* 

20210692

 **Will be reviewed**

3. Which property help OS adapt to the changes in the future? \* 

- ☒ Generalization overtime
- ☐ Realiability
- ☐ Convenient
- ☐ Security
- ☐ High performance

 **Will be reviewed**

4. In time sharing system \* 

- ☒ Multiple programs can be simultaneously loaded into memory and shared peripherals

- ☐ Processor working time is shared between programs
- ☐ Users decide to share computer time with each other
- ☐ Memory access time is divided so that the program is executed faster

 **Will be reviewed**

5. Which of the following statements is true about microkernel architecture? \*



- ☒ Provides high performance to the OS because all components run in the same address space.
- ☐ The operating system kernel provides process communication services
- ☐ Difficult to troubleshoot and upgrade
- ☐ The answers are all correct

 **Will be reviewed**

6. Which of the following statements is true about the kernel? \* 

- ☐ The kernel is the first program that runs on the computer when it starts up
- ☐ prevent user programs from directly accessing the hardware
- ☐ Users cannot work directly with the kernel
- ☒ All answers are correct
- ☐ There is no correct answer

 **Will be reviewed**

7. Characteristics of layered architecture \* 


- ☒ Easy to troubleshoot and maintain
- ☐ Low reliability
- ☐ All answers are correct
- ☐ There is no right answer

 **Will be reviewed**

8. What are some of the benefits of using a batch operation system? \* 

- ☐ It requires special hardware and system support to import data
- ☐ It is not suitable for automating tasks and processes
- ☒ It can handle a large number of tasks quickly and efficiently
- ☒ It can handle a large number of tasks quickly and efficiently

 **Will be reviewed**

9. Which of the following statements is true about the monolithic nuclear structure? \* 

- ☒ Provides high performance to the OS because all components run in the same address space.
- ☐ Easy to deploy in distributed systems
- ☐ Easy to troubleshoot and upgrade
- ☐ There is no correct answer
- ☐ The answers are all correct

 **Will be reviewed**

10. Distinguish the difference between multiprogramming batch processing systems and time-sharing systems \* 


- ☒ Time-sharing systems involve interaction between the user and the program, whereas batch processing systems do not
- ☐ Time-sharing systems execute user programs in parallel, while batch processing systems do not
- ☐ Both answers are correct
- ☐ No correct answer

 **Will be reviewed**

11. What are the advantages of command line communication? \* 

- ☒ Takes less memory
- ☒ You can directly enter parameters for the command
- ☒ Fast execution speed
- ☐ Friendly to computer beginners

 **Will be reviewed**

12. The GM NAA I/O operating system is which of the following types of operating systems? \* 

- ☒ Single-program batch processing
- ☐ Multi-program batch processing
- ☐ Parallel processing system
- ☐ Real-time system
- ☐ Time sharing system

☐ None of the above



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