

Question 1.

Which of the following is not an operating-system service?

- a. I/O operations
- b. File systems
- c. Resource allocation
- d. Command line

Question 2.

Many operating systems include both CLI and GUI interfaces

- a. True
- b. False

Question 3.

Which of the following is not true about system call?

- a. System calls provide an interface to the services made available by an operating system.
- b. System calls are mostly accessed by programs via a high-level Application Program Interface (API) rather than direct system call use
- c. System calls are always written using assembly-language.
- d. Process control is one type of system calls.

Question 4.

Why would an application programmer prefer programming according to an API rather than invoking actual system calls?

- a. Actual system calls can not be used by programmer.
- b. An application programmer designing a program using an API can expect his or her program to compile and run on any system that supports the same API.
- c. Some operating systems don't support system calls.

Question 5.

Which of the following is not true about system programs?

- a. System programs, also known as system utilities, some of them are simply user interfaces to system calls.

- b. Most users' view of the operation system is defined by system programs, not the actual system calls
- c. It provides a convenient environment for program development and execution.
- d. System programs are user interfaces to an operating system.

Question 6

On systems with multiple command interpreters to choose from, the interpreters are known as _____.

- a. shells
- b. kernels
- c. system calls
- d. Graphic User Interfaces

Question 7

A microkernel is a kernel _____.

- a. containing many components that are optimized to reduce resident memory size
- b. that is compressed before loading in order to reduce its resident memory size
- c. that is compiled to produce the smallest size possible when stored to disk
- d. that is stripped of all nonessential components

Question 8

_____ is not one of the major categories of system calls.

- a. Process control
- b. Security
- c. Protection
- d. Communications

Question 9

Microkernels use _____ for communication.

- a. message passing
- b. shared memory
- c. system calls
- d. virtualization

Question 10

The _____ provides a portion of the system call interface for many versions of UNIX and Linux.

- a. POSIX
- b. Java
- c. Standard C library
- d. Standard API