


Assignment 2

- **Question 1**

1 out of 1 points

A _____ is an example of a systems program.

Correct Answer: 

command interpreter

- **Question 2**

1 out of 1 points

If a program terminates abnormally, a dump of memory may be examined by a _____ to determine the cause of the problem.


Correct Answer: 

debugger

- **Question 3**

1 out of 1 points

Policy _____.


Correct Answer: 

determines what will be done

- **Question 4**

1 out of 1 points

The major difficulty in designing a layered operating system approach is _____.


Correct Answer: 

appropriately defining the various layers

- **Question 5**

1 out of 1 points

A microkernel is a kernel _____.


Correct Answer: 

that is stripped of all nonessential components

- **Question 6**

1 out of 1 points

_____ provide(s) an interface to the services provided by an operating system.

Correct Answer: 

System calls

- **Question 7**

1 out of 1 points

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

Correct Answer: 

Security

- **Question 8**

1 out of 1 points

_____ allow operating system services to be loaded dynamically.


Correct Answer: 

Modules

- **Question 9**

1 out of 1 points

Microkernels use _____ for communication.


Correct Answer: 
message passing

- **Question 10**

1 out of 1 points

The Windows `CreateProcess()` system call creates a new process. What is the equivalent system call in UNIX?


= 
`fork()`

Correct Answer: 
`fork()`

- **Question 11**

1 out of 1 points


The Windows `CreateFile()` system call is used to create a file. What is the equivalent system call in UNIX?

Correct Answer: 
`open()`

- **Question 12**

1 out of 1 points

_____ is a mobile operating system designed for the iPhone and iPad.

Correct Answer: 
iOS

- **Question 13**

1 out of 1 points


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

Correct Answer: 
Standard C library

- **Question 14**

1 out of 1 points


Which of the following statements is incorrect?

Correct Answer: 
Operating systems must provide both command line as well as graphical user interfaces.

- **Question 15**

1 out of 1 points


_____ is/are not a technique for passing parameters from an application to a system call.

Correct Answer: 
Cache memory

- **Question 16**

1 out of 1 points


KDE and GNOME desktops are available under open-source licenses.

Correct Answer:  True

- **Question 17**

1 out of 1 points


System calls can be run in either user mode or kernel mode.

Correct Answer:  False

- **Question 18**

1 out of 1 points


Application programmers typically use an API rather than directory invoking system calls.

Correct Answer:  True

- **Question 19**

1 out of 1 points


Mac OS X is a hybrid system consisting of both the Mach microkernel and BSD UNIX.

Correct Answer:  True

- **Question 20**

1 out of 1 points

iOS is open source, Android is closed source.

Correct Answer:  False