

CS604 Mid Term Solved MCQS

Question No: 3 (M a r k s: 1)

The ----- system call suspends the calling process.

- ▶ fork
- ▶ wait pg# 42
- ▶ exec
- ▶ exit

Question No: 4 (M a r k s: 1)

In -----addressing, the recipient is not required to name the sender.

- ▶ Symmetric
- ▶ Asymmetric pg #
- ▶ Both symmetric and asymmetric
- ▶ None of the given options

Question No: 5 (M a r k s: 1)

----- command gives a snapshot of the current processes.

- ▶ ps pg # 66
- ▶ top
- ▶ who
- ▶ ls

Question No: 6 (M a r k s: 1)

-----command to resume the execution of a suspended job in the foreground

- ▶ fg pg# 68
- ▶ bg
- ▶ jobs
- ▶ kill

Question No: 7 (M a r k s: 1)

You can use the ----- command to display the status of suspended and background processes

- ▶ fg
- ▶ bg
- ▶ jobs pg # 68
- ▶ kill

Question No: 8 (M a r k s: 1)

You can terminate a foreground process by pressing -----

- ▶ <Ctrl-A>
- ▶ <Ctrl-C> pg # 69
- ▶ <Ctrl-Z>
- ▶ None of the given options

Question No: 9 (M a r k s : 1)

A time sharing system is

- ▶ Multi tasking
- ▶ Interactive
- ▶ All of these pg # 09
- ▶ Multi user

Question No: 10 (M a r k s : 1)

The main characteristic of a Real time system is

- ▶ Efficiency
- ▶ Large Virtual Memory
- ▶ Large secondary storage device
- ▶ Usability

Question No: 11 (M a r k s : 1)

Shared libraries and kernel modules are stored in _____ directory

- ▶ /bin
- ▶ /dev
- ▶ /boot
- ▶ /lib pg# 26

Question No: 12 (M a r k s: 1)

_____ scheduler selects the process from the job pool and put them in main memory.

▶ Long term pg # 36

▶ Short term

▶ Medium term

▶ Swapper

Question No: 13 (M a r k s: 1)

In indirect inter process communication, a sender ___ mention the name of the recipient.

▶ do

▶ do not (Not Confirm)

Question No: 14 (M a r k s: 1)

A _____ is an integer variable that, apart from initialization is accessible only through two standard atomic operations: wait and signal.

▶ Semaphore pg# 111

▶ Monitor

▶ Critical region

▶ Critical section

Question No: 15 (M a r k s: 1)

A semaphore that cause Busy-Waiting is termed as _____.

▶ Spinlock pg #113

▶ Monitor

▶ Critical region

▶ Critical section

Question No: 16 (M a r k s: 1)

The execution of critical sections must NOT be mutually exclusive

▶ True

▶ False pg # 100

Question No: 17 (M a r k s: 1)

The performance of Round Robin algorithm does NOT depends heavily on the size of the time quantum.

▶ True

▶ False pg# 89

Question No: 18 (M a r k s: 1)

The following requirement for solving critical section problem is known as

_____.

“There exists a bound on the number of times that other processes are allowed to enter their critical sections after a process has made a request to enter its critical section and before that request is granted.”

▶ Progress

▶ Bounded Waiting pg # 101

▶ Mutual Exclusion

▶ Critical Region

Question No: 19 (M a r k s: 1)

The critical section problem can be solved by the following except

▶ Software based solution

▶ Firmware based solution

▶ Operating system based solution

▶ Hardware based solution

Question No: 20 (M a r k s: 1)

_____ is also called Swapper.

- ▶ Swap space
- ▶ **Medium term scheduler** pg # 37 (Not Confirmed)
- ▶ Short term scheduler
- ▶ Long term scheduler