

OS QUIZ-04 MCQS:

Q. Which command is used to extract specific columns from the file?

- A. cat
- B. cut
- C. grep
- D. paste

Answer: B

Q. On success wait() system call returns ____.

- A. 0
- B. 1
- C. pid of child process
- D. pid of parent process

Answer: C

Q. If parent process terminates before child process, ____ process becomes ____, and ownership of it will be taken by init process.

- A. child, orphan
- B. parent, orphan
- C. child, zombie
- D. parent, zombie

Answer: A

Q. Which of the following option is correct if we want to assign read + write perms to user, only read perm to group members and only read perm to others for a file?

- A. chmod 0766 filepath
- B. chmod 0655 filepath
- C. chmod 0644 filepath
- D. chmod 0611 filepath

Answer: C

Q. If child process terminates before its parent, and parent continues its execution without reading exit status of its child, child process goes into ____.

- A. waiting state
- B. blocked state
- C. defunct state
- D. dead state

Answer: C

Q. _exit() system call returns ____ on success.

- A. 0
- B. -1
- C. nothing
- D. none of the above

Answer: C

Q. In modern operating systems, information related to execution of a program is stored in

- A. PCB : Process Control Block
- B. TCB : Thread Control Block
- C. Both options 1 & 2
- D. None of the above

Answer: B

Q. In multi-threading, each thread of same process has its own ____ section, and ____ section gets shared among all its threads.

- A. code section, stack section
- B. data section, stack section
- C. stack section, code section
- D. heap section, data section

Answer: C

Q. In all modern operating systems, by default one thread gets created called as _____.

- A. default thread
- B. main thread
- C. system thread
- D. none of the above

Answer: B

Q. "lscpu" command gathers CPU architecture information from the file _____ and displays it.

- A. /proc/cpuarch
- B. /proc/cpuinfo
- C. /proc/lscpu
- D. none of the above

Answer: B