OS QUIZ-03

Q. System in which the CPU time gets shared among all running programs is reffered as _____.
A. multi-programming system
B. multi-tasking system
C. time sharing system
D. both multi-tasking as well as time sharing
E. both multi-programming as well as time sharing
Answer: D

Q. Which of the following statement is false about a thread?
A. thread is the smallest execution unit of a process.
B. thread is the smallest indivisible part of a process.
C. thread is a lightweight process.
D. the CPU can execute more than one threads at a time
Answer: D

Q. Process which is in the main memory waiting for the CPU time considered in a _____.
A. waiting state
B. new state
C. ready state
D. running state
Answer: C

Q. In System which supports multi-threading, the CPU concurrently executes _____.
A. only one thread of only one process
B. multiple threads of only one process
C. multiple threads of either one or different processes
D. all of the above
E. none of the above
Answer: C

Q. Which of the following is not a valid indirection operator?
A. >
B. 0>
C. 2>
D. <
Answer: B

Q. _____ is used to erase entire command line.
A. Cntrl + Q
B. Cntrl + C
C. Cntrl + U
D. Cntrl + W
Answer: C

Q. Bydefault link count of directory file is ___.
A. 1
B. 2
C. 3
D. none of the above
Answer: B

Q. On success fork() system call returns _____ to child process.
A. pid of parent
B. pid of new process
C. 0
D. -1
E. both pid of child & pid of parent
Answer: C

Q. What is a daemon process?
A. process whose parent has died
B. process who has completed its execution but still has an entry in the process table
C. process which is running infinitely
D. process which runs automatically without any user interaction
Answer:D

Q. Which of the following statement is false about thread & process?
A. thread is the smallest execution unit of a process.
B. The CPU can execute only one thread of any one process at a time.
C. Process based multi-tasking is efficient than thread based multi-tasking.
D. Process based multi-tasking can be implemented by using fork() and thread based multi-tasking can be achieved by using pthread library function.
Answer: C