

Q. In user mode, value of mode bit is ____.

- A. 0
- B. 1
- C. -1
- D. none of the above

Answer: 1

Q. Which of the following system call is used to create a new process in UNIX? A. CreateProcess()

- B. fork()
- C. both options A and B
- D. none of the above

Answer: B

Q. Which of the following is not a job of Process Control Subsystem?

- A. Inter Process Communication
- B. Scheduling
- C. Memory Management
- D. Device Management

Answer: D

Q. System calls are nothing but ____.

- A. Kernel functions
- B. Software Interrupts
- C. Interface provided to call services made available by the Kernel
- D. All of the above
- E. None of the above

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. _____ copies an execution context of a process which is scheduled by the scheduler from its PCB and restores it onto the CPU registers.

- A. Loader
- B. Interrupt Handler
- C. Dispatcher
- D. Job Scheduler

Answer: C

Q. Which of the following is not a CPU scheduling criteria?

- A. Waiting Time
- B. Response Time
- C. CPU Burst Time
- D. Turn-Around-Time

Answer: C

Q. Which of the following statement is not true about scheduling criteria's? A. CPU utilisation must be as max as possible

- B. Waiting Time must be as max as possible
- C. Turn-Around-Time must be as min as possible
- D. Response Time must be as min as possible

Answer: B

Q. Which of the following CPU scheduling algorithm leads to starvation?

- A. FCFS
- B. Shortest Job First
- C. Round Robin
- D. All of the above

Answer: B

Q. In which of the following case preemptive scheduling takes place?

- A. running -> terminated
- B. running -> waiting
- C. waiting -> ready
- D. none of the above

Answer: C