OS MCQS DAY-02:

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. Kernel mode of an operating system is also called as
A. Priviledged Mode
B. Supervisor Mode
C. Monitor Mode
D. System Mode
E. All of the above
Answer: E

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. Which of the following system call is used to create a new process in UNIX?
A. CreateProcess()
B. fork()
C. Both A & B
D. None of the above
Answer: B

Q. Which of the following system call never fails?
A. open()
B. fork()
C. getpid()
D. All of the above
E. None of the above
Answer: C

Q. Which of the following section is not a part of process?
A. bss section
B. rodata section
C. code section
D. symbol table
Answer: D

Q. In user mode, value of mode bit is ____.
A. 0
B. 1
C. -1
D. None of the above
Answer: B

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. 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 which of the following case preemptive cpu scheduling takes place?
A. running -> terminated
B. running -> waiting
C. waiting -> ready
D. All of the above
E. None of the above
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 a kernel data structure?
A. PCB
B. Ready Queue
C. Job Queue
D. All of the above
E. None of the above
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. 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
F. None of the above
Answer: D