

QUIZ MCQs DAY-05 & DAY-06:

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

- A. FCFS
- B. Shortest Job First
- C. Round Robin
- D. None of the above
- E. All of the above

Answer: B

Q. Which of the following statement is true in an IPC?

- A. under shared memory model processes can communicate directly with each other.
- B. any process can send signal to an OS.
- C. by using pipe() system call processes can send as well as receive message.
- D. by using pipe command only related processes can communicate.

Answer: D

Q. Critical Section Problem can be resolved by using

- A. Binary Semaphore
- B. Mutex Object
- C. Classic Semaphore
- D. Both A & B
- E. None of the above

Answer: D

Q. Which of the following signal an OS send to a process for forceful termination?

- A. SIGTERM
- B. SIGEND
- C. SIGSTOP
- D. SIGKILL

Answer: D

Q. Which of the following ipc mechanism is used for communication across the systems?

- A. pipe
- B. message queue
- C. chatting application
- D. socket
- E. shared memory model

Answer: D

Q. Processes which share data with another process are referred as

- A. related processes
- B. cooperative processes
- C. independent processes
- D. all of the above
- E. none of the above

Answer: A

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 criterias?

- A. CPU utilization 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 is non-preemptive?

- A. SJF
- B. FCFS
- C. Priority
- D. All of the above
- E. None of the above

Answer: B

Q. Convoy effect occurs in _____ scheduling algorithm.

- A. Priority
- B. Shortest Remaining Time First
- C. Shortest Next Time First
- D. None of the above

Answer: D

Q. Which of the following CPU scheduling algorithm ensures minimum waiting time?

- A. FCFS
- B. SJF
- C. Priority
- D. Round Robin

Answer: B