

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 forcefull 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 shares data with another processes referred as

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

Answer: B

Q. Banker's algorithm is used for _____.

- A. deadlock prevention
- B. deadlock recovery
- C. deadlock deadlock & avoidance
- D. all of the above

Answer: C

Q. MMU is a _____ that converts logical address into the physical address.

- A. system program
- B. application program
- C. firmware
- D. all of the above
- E. none of the above

Answer: E

Q. what is/are necessary and sufficient condition/s to occur deadlock.

- A. resource can be allocated for any one process at a time
- B. control of any resource cannot be taken away forcefully from a process
- C. each process is holding one resource and requesting for a resource which is held by another process.
- D. circular wait
- E. all of the above

Answer: E

Q. To recover system from deadlock, process which gets terminated is referred as a

- A. terminated process
- B. target process
- C. victim process
- D. all of the above

Answer: C

Q. Which one of the following field of a process in its PCB remains static?

- A. base & limit values
- B. an execution context
- C. priority
- D. pid

Answer: D