

Choose the correct option for the following questions:

1. A process waits for a processor in \_\_\_\_\_ state.
  - a. new
  - b. waiting
  - c. running
  - d. ready
2. A process enters the running state and finds no more input/output requests by the process. The process will go into which state?
  - a. New state
  - b. Terminate
  - c. Running
  - d. Waiting
3. When a process is created but not admitted for execution, then the process is in \_\_\_\_\_ state.
  - a. Terminated
  - b. Waiting
  - c. New
  - d. Ready
  - e.
4. Suppose a process is waiting for some input/output service. When the service is completed, the process goes to \_\_\_\_\_ state.
  - a. Terminated
  - b. Ready
  - c. New
  - d. Running
5. Which of the following process state transitions is not possible?
  - a. ready to running
  - b. running to ready
  - c. new to waiting
  - d. running to terminated