

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