

Sample question paper of OPERATING SYSTEM

Q1. A Process Control Block (PCB) does not contain which of the following?

- A. code
- B. stack
- C. bootstrap program
- D. data

Q2. In priority scheduling algorithm, when a process arrives at the ready queue, its priority is compared with the priority of _____

- A. All processes
- B. Currently running process
- C. Parent process
- D. Init process

Q3. Which one of the following is the deadlock avoidance algorithm?

- A. banker's algorithm
- B. round-robin algorithm
- C. elevator algorithm
- D. karn's algorithm

Q4. Which of the following algorithms tends to minimize the process flow time?

- A. First come First served
- B. Shortest Job First
- C. Earliest Deadline First
- D. Longest Job First

Q5. The _____ is used as an index into the page table.

- A. frame bit
- B. page number
- C. page offset
- D. frame offset

Q6. The segment limit contains the _____

- A. logical address of the process
- B. starting physical address of the segment in memory
- C. segment length
- D. none of the mentioned

Q7. In segmentation, each address is specified by _____

- A. a segment number & offset
- B. offset & value
- C. a value & segment number
- D. a key & value

Q8. Which of the following is not a characteristic of a virus?

- A. Virus destroy and modify user data
- B. Virus is a standalone program
- C. Virus is a code embedded in a legitimate program
- D. Virus cannot be detected

Q9. Which happens first authorization or authentication?

- A. Authorization
- B. Authentication
- C. Authorization & Authentication are same
- D. None of the mentioned

Q10. What does the pwd command do?

- A. It saves the current working directory, so that you can return there with the popd command.
- B. It asks the password of the current user, and the prompts for a new password.
- C. It prints the path of the current working directory
- D. It launches the power management daemon.