

CPU Scheduling Solved MCQ's Questions Answers

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1. which of the following can not be scheduled by the kernel?

- A. process
- B. user-level thread
- C. kernel-level thread
- D. none of the mentioned

Answer - Click Here:

B

2. if _____ rule sequences the jobs Orders are processed in the sequence they arrive

- A. first come, first served
- B. critical ratios
- C. earliest due date
- D. lack time remaining

Answer - Click Here:

A

3. [scheduling algorithm](#) In multilevel feedback

- A. processes are not classified into groups
- B. a process can move to a different classified ready queue...
- C. classification of the ready queue is permanent
- D. none of the mentioned

Answer - Click Here:

B

4. Select one which algorithms tend to minimize the process flow time?

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

Answer - Click Here:

C

5. The process can be classified into many groups in

- A. [shortest job scheduling algorithm](#)
- B. multilevel queue scheduling algorithm
- C. round-robin scheduling algorithm
- D. priority scheduling algorithm

Answer - Click Here:

B

6. The turnaround time for short jobs during multiprogramming is usually Shortened and that for long jobs is slightly _____

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- A. Shortened
- B. Unchanged
- C. Lengthened
- D. Shortened

Answer - Click Here:

C

7. Time quantum can be said

- A. multilevel queue scheduling algorithm
- B. round-robin scheduling algorithm
- C. shortest job scheduling algorithm
- D. priority scheduling algorithm

Answer - Click Here:

B

8. Selects the statements which are true according to GATE 2010.

- i. starvation may be caused by Shortest remaining time first scheduling
- ii. starvation may be caused by Preemptive scheduling
- iii. in terms of response time, Round robin is better than FCFS

- A. all the given option
- B. i only
- C. ii and iii only
- D. i and iii only

Answer - Click Here:

A

9. At the ready queue when a process arrives In [priority scheduling](#) algorithm, the priority of this process is compared with the priority of?

- A. currently running process
- B. parent process
- C. all process
- D. init process

Answer - Click Here:

A

10. The FIFO algorithm said :

- A. executes the job first that needs a minimal processor
- B. the job first executes that comes last in the queue
- C. the job first executes that has maximum processor needs
- D. the job first executes that came in first in the queue

Answer - Click Here:

D

11. A program that is bound by CPU might have

- A. Cpu bursts many short
- B. Cpu bursts a few short
- C. Cpu bursts a few longer
- D. None of the above

Answer - Click Here:

C

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12. scheduling algorithms that work on complex :

- A. uses few resources
- B. uses most resources
- C. are suitable for large computers
- D. all of the mentioned

Answer - Click Here:

C

13. scheduling algorithm which allocates the CPU first to the process which requests the CPU first?

- A. FCFS scheduling
- B. priority scheduling
- C. shortest job scheduling
- D. none of the mentioned

Answer - Click Here:

A

14. In an operating system, the portion of the [process scheduler](#) that forward processes is concerned with :

- A. running processes are assigning to blocked queue
- B. ready processes are assigning to CPU
- C. ready processes are assigning to the waiting queue
- D. all of the mentioned

Answer - Click Here:

B

15. From the time of submission of a process to the time of completion, The interval is termed as

- A. waiting time
- B. turnaround time
- C. response time
- D. throughput

Answer - Click Here:

B

15. From the time of submission of a process to the time of completion, The interval is termed as

- A. waiting time
- B. turnaround time
- C. response time
- D. throughput

Answer - Click Here:

B

16. under the category of _____ Round-robin scheduling falls :

- A. Preemptive scheduling
- B. Nonpreemptive scheduling
- C. All of the mentioned
- D. None of the mentioned

Answer - Click Here:

A

17. The processes that are inhabited in main memory and are ready and waiting to execute and remained on a list called

- A. process queue
- B. execution queue
- C. job queue
- D. ready queue

Answer - Click Here:

D

18. control of the CPU to the process selected by the [short-term scheduler](#) is assigned by the module _____.

- A. interrupt
- B. scheduler
- C. dispatcher
- D. none of the mentioned

Answer - Click Here:

C



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