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 __________
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

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

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

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

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
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 forwards 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

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