

# CPOS Mock Test2

Total points 9/30 ?

0 of 0 points

PRN:

DSF  
.....

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☒ Kharghar☐ Juhu

Name :

SD  
.....

MCQ

9 of 30 points



✗ From the time of submission of a process to the time of completion, The interval is termed as \*0/1

- ☒ waiting time
- ☐ turnaround time
- ☐ response time
- ☐ throughput

✗

Correct answer

- ☒ turnaround time

✗ The command used to compare the files is known as \* 0/1

- ☒ comp
- ☐ du
- ☐ cmp
- ☐ ccp

✗

Correct answer

- ☒ cmp



✗ if a process/thread is preempted : \*

0/1

- ☐ it is added to blocked state
- ☒ it is added to preempted state
- ☐ it is added to ready state
- ☐ it is added to stopped state

✗

Correct answer

- ☒ it is added to ready state

✓ What is true about do statement?

1/1

- ☒ do statement executes the code of a loop at least once
- ☐ do statement does not get execute if condition is not matched in the first iteration
- ☐ do statement checks the condition at the beginning of the loop
- ☐ do statement executes the code more than once always

✓



✗ To access the services of the operating system, the interface is provided \*0/1  
by the \_\_\_\_\_

- ☒ Library
- ☐ System calls
- ☐ Assembly instructions
- ☐ API

✗

Correct answer

- ☒ System calls

✗ The process can be classified into many groups in \*

0/1

- ☐ shortest job scheduling algorithm
- ☐ multilevel queue scheduling algorithm
- ☒ round-robin scheduling algorithm
- ☐ priority scheduling algorithm

✗

Correct answer

- ☒ multilevel queue scheduling algorithm



✓ pwd command displays \*

1/1

- ☐ user password
- ☐ password file content
- ☒ present working directory
- ☐ none of the mentioned



✗ 'Aging' is: \*

0/1

- ☐ keeping track of cache contents
- ☒ keeping track of what pages are currently residing in memory
- ☐ keeping track of how many times a given page is referenced
- ☐ increasing the priority of jobs to ensure termination in a finite time



Correct answer

- ☒ increasing the priority of jobs to ensure termination in a finite time



✓ Each partition may contain \_\_\_\_\_ when memory is divided into several fixed sized partitions. \*1/1

- ☐ multiple processes at once
- ☒ exactly one process
- ☐ Two process
- ☐ at least one process
- ☐ both a and b



✗ Swapping \*

0/1

- ☐ Works best with many small partitions
- ☒ Allows many programs to use memory simultaneously
- ☐ Allows each program in turn to use the memory
- ☐ Does not work with overlaying



Correct answer

- ☒ Allows each program in turn to use the memory



✓ Preemptive Shortest Job First scheduling is sometimes called: \*

1/1

- ☐ Fast SJF scheduling
- ☐ EDF scheduling – Earliest Deadline First
- ☐ HRRN scheduling – Highest Response Ratio Next
- ☒ SRTN scheduling – Shortest Remaining Time Next



✗ In UNIX the status of the process may be? \*

.../1

- ☐ running
- ☐ orphan
- ☒ sleeping
- ☐ zombie
- ☐ All of the above



No correct answers



✗ Which of the following statements are true? \* 0/1

I. Shortest remaining time first scheduling may cause starvation  
II. Preemptive scheduling may cause starvation  
III. Round robin is better than FCFS in terms of response time

☐ I only

☒ I and III only

☐ II and III only

☐ I, II and III

Correct answer

☒ I, II and III

✗

✗ A program that is bound by CPU might have \* 0/1

☐ Cpu bursts many short

☒ Cpu bursts a few short

☐ Cpu bursts a few longer

☐ None of the above

Correct answer

☒ Cpu bursts a few longer

✗





✗ What is used while taking character input through scanner class in java ? \* 0/1

- ☐ next()
- ☐ nextInt()
- ☐ next().charAt()
- ☒ None of the above

✗

Correct answer

- ☒ next().charAt()

✗ As a part of paging technique, a physical memory is broken into fixed size \*0/1  
blocks called as.....

- ☐ Pages
- ☐ Blocks
- ☐ Frames
- ☒ Segments

✗

Correct answer

- ☒ Frames



✗ Which of the following calls never returns an error? \*

0/1

- ☐ getpid
- ☒ fork
- ☐ ioctl
- ☐ open

✗

Correct answer

- ☒ getpid

✓ Which one of the following is not a real time operating system? \*

1/1

- ☐ RTLinux
- ☒ Palm OS
- ☐ QNX
- ☐ VxWorks

✓

✓ What is use of interpreter? \*

1/1

- ☐ They convert bytecode to machine language code
- ☐ They are intermediated between JIT and JVM
- ☒ They read high level code and execute them
- ☐ It is a synonym for JIT

✓



✓ class Test{

public static void main(String args[]){

int a;

a=10;

String ans = ((10/2) >4) ? "Correct" : "wrong" ;

System.out.println(ans);

}

}

1/1

- ☐ 5
- ☐ wrong
- ☒ Correct
- ☐ error



✗ What is the output of following code ?

0/1

```
class variable_scope
{
    public static void main(String args[])
    {
        int x;

        x = 5;

        {

            int y = 6;

            System.out.print(x + " " + y);

        }

        System.out.print(x + " " + y);

    }
}
```

- ☒ 5 6 5 6
- ☐ 5 6 6
- ☐ Compile time error
- ☐ Run time error

✗

Correct answer

- ☒ Compile time error



✗ Which command is used to display the operating system name \*

0/1

- ☐ os
- ☐ unix
- ☒ kernel
- ☐ uname

✗

Correct answer

- ☒ uname

✗ Under multiprogramming, turnaround time for short jobs is usually \_\_\_\_\_ and that for long jobs is slightly \_\_\_\_\_

\*0/1

- ☐ Lengthened; Shortened
- ☐ Shortened; Lengthened
- ☒ Shortened; Shortened
- ☐ Shortened; Unchanged

✗

Correct answer

- ☒ Shortened; Lengthened



✗ Which one of the following command is used for searching for a pattern in one or more file(s)? \*0/1

- ☐ cd
- ☐ cp
- ☒ paste
- ☐ grep

✗

Correct answer

- ☒ grep

✗ Which command creates an empty file if file does not exist? 0/1

- ☐ cat
- ☐ touch
- ☐ ed
- ☒ read

✗

Correct answer

- ☒ touch



✓ **class** Output {

\*1/1

```
public static void main(String args[]) {  
    int x , y = 1;  
    x = 10;  
    if (x != 10 && x / 0 == 0)           System.out.println(y);  
  
    else  
        System.out.println(++y);  
    }  
}
```

- ☐ 1
- ☒ 2
- ☐ Runtime error
- ☐ None of the above
- ☐ Option 5

✓

✗ Which of these statements is correct? \*

0/1

- ☐ true and false are numeric values 1 and 0
- ☒ true and false are numeric values 0 and 1
- ☐ true is any non zero value and false is 0
- ☐ true and false are non numeric values

✗

Correct answer

- ☒ true and false are non numeric values



✗ Which one of the following is not true? \*

0/1

- ☐ kernel remains in the memory during the entire computer session
- ☐ kernel is made of various modules which can not be loaded in running operating system
- ☐ kernel is the first part of the operating system to load into memory during booting
- ☒ kernel is the program that constitutes the central core of the operating system ✗

Correct answer

- ☒ kernel is made of various modules which can not be loaded in running operating system

✓ Which Of the following resources must be protected by the operating system?

1/1

- ☐ I/O
- ☐ Memory
- ☐ CPU
- ☒ All of the above





✗ Mutual exclusion can be provided by the \*

0/1

- ☒ Mutex locks
- ☐ Binary semaphores
- ☐ Both Mutex locks and binary semaphores
- ☐ none of the mentioned

✗

Correct answer

- ☒ Both Mutex locks and binary semaphores

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