Tìm theo DÒNG!

What language a CPU can understand?

Select one:

C++

Binary code (0110010110)

Assembly

C

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Calculate the response time

of process P3 ?

**=> 3**

Suppose a system uses FCFS CPU scheduling algorithm. The duration and order of

processes are P1(21), P2(10), P3(6). Which is the throughput of the system?

Select one:

0.4

0.1

0.3

0.2

Which is non-preemptive CPU scheduling algorithm?

None of the above

FIFO

SRTF

Round robin

Which is INCORRECT about non-preemptive in CPU scheduling algorithms?

Select one:

Only the current process can use the CPU

The current process will always be run until terminated

The current process can be switched into waiting state

FIFO is a non-preemptive scheduling algorithm

Suppose a system uses SJN (or SJF) CPU scheduling algorithm. The processes

information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the

total waiting time of the processes?

Select one:

16

15

17

18

Select the best description about operating systems for computers

Select one:

They are libraries

They are applications

They are firmware

They are software that are between users and computer hardware

`

Which is INCORRECT about process control block (PCB)?

Select one:

It contains the state of the process

PCBs in all operating systems are the same

It is a data structure containing information of a process

It contains memory management information

Suppose a system uses FCFS CPU scheduling algorithm. The duration of the

processes is P1(21), P2(10), P3(6) (and this is also the order of the processes in the

queue). Calculate the total waiting time of the processes?

**=> 52**

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Calculate the turnaround

time of P3 ?

**=> 4**

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Calculate the turnaround

time of process P4 ?

**=> 12**

Which is NOT a criterion to evaluate a CPU scheduling algorithm?

Select one:

RAM utilization

CPU utilization

Response time

Waiting time

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Calculate the turnaround

time of P1

**=> 7**

Which is INCORRECT about the states of a process?

Select one:

* Valid states are new, ready, running, waiting and terminated
* The number of states of a process is the same in all operating systems
* A process can be switched from running into ready state
* A process can be switched from running into waiting state

Suppose a system uses SJF scheduling algorithm, the processes information (arrival

time, duration) is P1(0,21), P2(30,20),P3(20,40), P4(35,15). Show the order (e.g. P2 P1

P3 P4) in which the processes are run?

=> P1 P3 P4 P2

Which is INCORRECT about preemptive in CPU scheduling algorithms?

Select one:

The current process will always be run until terminated

The current process can be switched into ready state

The current process can be switched into waiting terminated state

The current process can be switched into waiting state

Suppose a system uses RR scheduling algorithm. The processes information (arrival

time, duration) is P1(0,20), P2(30,10),P3(20,40), P4(40,25), and the time quantum is 15.

Which is the total waiting time of the processes?

Select one:

50

60

40

70

Which is the CORRECT statement about a program?

Select one:

Is a compiled (e.g binary code) application

Is a process

Is a part of the operating system

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the turnaround time

of process P2 ?

Select one:

6

12

8

10

Which is INCORRECT about time-sharing system?

Select one:

Only utilize CPU effectively

It is also applicable for multiple CPU hardware

Allow several processes to run on a single CPU hardware

Utilize resources more effectively

Select the best description about the resources a computer may have

Select one:

CPU, RAM, Disks

CPU, RAM and anything that can connect to the computer, such as CD, network card,

...

CPU, RAM, Disk, printer

CPU, RAM, Disk, printer, monitor

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the response time of

process P2?

Select one:

10

6

8

12

Which code a CPU can understand and execute?

Select one:

c.open();

a=a+b

add AX, BX

0110010110

Suppose a system uses FCFS scheduling algorithm, the processes information (arrival

time, duration) is P1(0,21), P2(30,10),P3(20,40), P4(50,15). Show the order in which the

processes are run (e.g. P2 P1 P3 P4)?

=> P1 P3 P2 P4

Which is INCORRECT about multi-user operating systems?

Select one:

* Allow each user to run several processes at the same time
* Allow several people to use the computer at the same time
* It is the same as a multi-programming operating system
* Allow several processes to run on a single CPU hardware

Which is INCORRECT about preemptive in CPU scheduling algorithms?

Select one:

The current process can be switched into waiting terminated state

The current process can be switched into waiting state

The current process can be switched into ready state

The current process will always be run until terminated

Suppose a system uses FCFS CPU scheduling algorithm. The duration of the processes is

P1(21), P2(10), P3(6) (and this is also the order of the processes in the queue). Calculate

the total waiting time of the processes?

=> 52

Select the best description about what a pure computer (a computer without an operating

system) can do

Select one:

Provide graphical user interface

CPU can do arithmetic calculation, detect available devices such as RAM, disks, ...

Provide applications and network connection for users

Provide applications for users

Which is INCORRECT about an application?

Select one:

It serves a certain task for users or programmers

It controls I/O (such as read/write operations on disks)

It can be organized into multiple files on disks.

A database management system is an example of an application

Which is INCORRECT about the criteria to evaluate a good CPU scheduling algorithm?

Select one:

Minimize response time

Maximize turnaround time

Minimize waiting time

Maximize throughput

Which is INCORRECT about non-preemptive in CPU scheduling algorithms?

Select one:

The current process can be switched into waiting state

The current process will always be run until terminated

Only the current process can use the CPU

FIFO is a non-preemptive scheduling algorithm

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the response time of

process P2?

Select one:

10

12

8

6

Which is INCORRECT about Shortest Job First (SJF) CPU scheduling algorithm?

Select one:

It is also a priority scheduling algorithm

Another name of the algorithm is Shortest Job Next (SJN)

The shortest process will be selected to be run

Shortest remaining time first (SRTF) CPU scheduling algorithm is the same as SJF

Which is INCORRECT about Shortest Remaining Time First (SRTF) scheduling algorithm?

Select one:

It is the preemptive Shortest Job First (SJF) algorithm

The shortest remaining time process will be selected to run

The shortest process will be run first

It is also a priority scheduling algorithm

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Calculate the response time of process P3 ?

**=> 3**

Which is non-preemptive CPU scheduling algorithm?

Select one:

None of the above

SRTF

FIFO

Round robin

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the turnaround time of process P2 ?

Select one:

6

8

10

12

Which is INCORRECT about the criteria to evaluate a good CPU scheduling algorithm?

Select one:

Maximize turnaround time

Maximize throughput

Minimize waiting time

Minimize response time

Suppose a system uses SJN (or SJF) CPU scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the total waiting time of

the processes?

Select one:

15

18

17

16

Suppose a system uses FCFS CPU scheduling algorithm. The duration and order of processes are P1(21), P2(10), P3(6). Which is the throughput of the system?

Select one:

0.3

0.1

0.2

0.4

Which is preemptive CPU scheduling algorithm?

Select one:

None of the above

RR

SJN (or SJF)

FIFO

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Calculate the turnaround time of process

P4 ?

=> 12

Suppose a system uses FCFS CPU scheduling algorithm, the processes information (arrival

time, duration) is P1(0,21), P2(30,10),P3(20,40), P4(40,25). Calculate the average waiting time of the processes?

=> 15.75

Suppose a system uses FCFS CPU scheduling algorithm. The duration of the processes is

P1(21), P2(10), P3(6) (and this is also the order of the processes in the queue). Calculate the total waiting time of the processes?

=> 52

Which is NOT one of the main tasks of operating systems?

Select one:

Memory management

Storage management (such as CD, DVD, disks, ...)

Play audio files

Protection and security

Which is the INCORRECT process scheduling type?

Select one:

Quick-term scheduler

Long-term scheduler

Short-term scheduler

Medium-term scheduler

Which is NOT the purpose of virtual machine?

Select one:

* Utilize RAM and CPU more effectively Allow multiple operating system to run on the
* same hardware
* Increase the number of processes in memory
* Allow operating systems on the same hardware to use some resources (such as IP, port, domain name,...) independently

Which is NOT a criterion to evaluate a CPU

scheduling algorithm?

Select one:

Response time

Waiting time

CPU utilization

RAM utilization

Select INCORRECT description about the main tasks of operating systems

Select one:

* Provide Application Programming Interface (API) for application developers
* Process management
* Resource allocation (for processes)
* Provide database management systems (e.g. MS SQL Server)

Which is the BEST reason why we need process scheduling?

Select one:

* Because the system has many processes to run
* Many reasons: Many processes; Utilize system resources more effectively; Don’t let users wait; ...
* Because we need to utilize the memory more effectively
* Because the system has many processes to run and they need to be treated equally

Which is the CORRECT relationship among process, program and application concepts?

Select one:

An application has only one program, a program has only one process

An application may have several processes, a process may have several programs

An application may have several programs, a program has only one process

An application may have several programs, a program may have several processes

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5).

Calculate the response time of P1 ?

=> 0

Which is preemptive CPU scheduling algorithm?

Select one:

FIFO

SJN (or SJF)

SRTF

None of the above

Suppose a system uses RR scheduling algorithm. The processes information (arrival time, duration) is P1(0,20), P2(30,10),P3(20,40), P4(40,25), and the time quantum is 15. Which is the total waiting time of the processes?

Select one:

50

40

60

70

Who can use a computer without an OS?

Select one:

* Network administrators
* Any normal user
* Normal application developers
* No one

Which is the CORRECT statement about a program?

Select one:

* Is a part of the operating system
* Is a process
* Is a library
* Is a compiled (e.g binary code) application

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Calculate the turnaround time of P3 ?

=> 4

Select the best description about the resources a

computer may have

Select one:

CPU, RAM, Disk, printer

CPU, RAM, Disks

CPU, RAM, Disk, printer, monitor

CPU, RAM and anything that can connect to the computer, such as CD, network card, ...

Which is INCORRECT about Shortest Job First (SJF) CPU scheduling algorithm?

Select one:

Another name of the algorithm is Shortest Job Next (SJN)

Shortest remaining time first (SRTF) CPU scheduling algorithm is the same as SJF

The shortest process will be selected to be run

It is also a priority scheduling algorithm

Which is INCORRECT about the states of a process?

Select one:

The number of states of a process is the same in all operating systems

A process can be switched from running into waiting state

Valid states are new, ready, running, waiting and terminated

A process can be switched from running into ready state

Suppose a system uses SJN (or SJF) CPU scheduling algorithm. The processes information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5) . Which is the average waiting time of the processes?

3

4

5

2

Which is CORRECT about the structure of a process?

Data, code (text)

Stack, heap, code (text)

Heap, data, code (text)

Stack, heap, data, code (text), program counter, and addtional information

Which is INCORRECT about First Comes First Served (FCFS) CPU scheduling algorithm?

A process cannot be switched into ready state

Once a process is executed, it can only be switched into terminated state

It is a non-preemptive algorithm

A process can be switched from running into waiting state

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,4). Which is the throughput of the system?

0.25

0.35

0.45

0.65

Suppose a system uses SJN (or SJF) CPU scheduling algorithm. The processes information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the total waiting time of the processes?

16

18

15

17

Which is INCORRECT about the states of a process?

Select one:

The number of states of a process is the same in all operating systems

A process can be switched from running into waiting state

Valid states are new, ready, running, waiting and terminated

A process can be switched from running into ready state

Which code a CPU can understand and execute?

c.open();

a=a+b

add AX, BX

0110010110

Suppose a system uses Round Robin (RR) scheduling algorithm. The processes information (arrival time, duration) is P1(0,21), P2(30,10), P3(20,40), P4(40,25), time quantum is 15. Show the order (e.g. P2, P1, P3, P4) in which the processes are run?

⇒ P1, P1, P3, P2, P4, P3, P4, P3

Which is the minimum number of states of a process?

New, Waiting, Terminated, Running, Ready

New, Sleeping, Terminated, Running

New, Blocked, Terminated, Running

New, Blocked, Terminated, Running, Sleeping

Suppose a system uses Round Robin (RR) CPU scheduling algorithm, the processes information (arrival time, duration) is P1(0,21), P2(30,10), P3(20,40), P4(40,25), and the quantum is 15. Calculate the total waiting time of the processes?

=> 63

Which is NOT an operating system structure?

Object-oriented

Layered

Modularity

Micro-kernel

Which is INCORRECT about context switch?

The current process will be put into waiting queue

It is the steps of switching to run another process

The target process will be run

The context of the current process will be saved

Suppose a system uses SJN (or SJF) scheduling algorithm. The processes (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Calculate the response time of P1?

=> 0

1. Suppose a system uses FCFS CPU scheduling algorithm. The duration and order of the

process are P1(21), P2(10), P3(6). Which is the average waiting time of the processes?

Select one:

20

**10**

30

40

2.Which is CORRECT about the task of CPU scheduling?

**Select a process to execute**

Select a process to initialize

Select a process to swap out

Select a process to change into idle state

3. Suppose a system uses FCFS CPU scheduling algorithm, the processes information (arrival time, duration) is P1(0,21), P2(30,10),P3(20,40), P4(40,25). Calculate the average waiting

time of the processes?

=> **15.75**

4. Suppose a system uses FCFS CPU scheduling algorithm. The duration of the processes is P1(21), P2(10), P3(6) (and this is also the order of the processes in the queue). Calculate

the total waiting time of the processes?

=> **52**

5. Which is NOT an operating system type?

**Sequential system,**

Batch system

Embedded system

Uni-programming operating system

6. Which is the CORRECT relationship among process, program and application concepts?

An application may have several processes, a process may have several programs

An application has only one program, a program has only one process

An application may have several programs, a program has only one process

**An application may have several programs, a program may have several processes**

**? 7.** Which is CORRECT about a process?

Is an application

Is a library

**Is an instance of a program**

Is a file on hard disk

8. Select the best description about the resources a computer may have

Select one:

CPU, RAM, Disk, printer

CPU, RAM, Disk, printer, monitor

CPU, RAM, Disks

**CPU, RAM and anything that can connect to the computer, such as CD, network card,**

**...**

9. Suppose a system uses RR scheduling algorithm. The processes information (arrival time,

duration) is P1(0,20), P2(30,10),P3(20,40), P4(40,25), and the time quantum is 15. Which is

the total waiting time of the processes?

**60**

50

70

40

? 10. Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the response time of

process P2?

10

8

**6**

12

11. Which is INCORRECT about the states of a process?

Select one:

**The number of states of a process is the same in all operating systems**

A process can be switched from running into ready state

Valid states are new, ready, running, waiting and terminated

A process can be switched from running into waiting state

? 12. Which is NOT the purpose of virtual machine?

Allow operating systems on the same hardware to use some resources (such as IP,

port, domain name,...) independently

Utilize RAM and CPU more effectively

Allow multiple operating system to run on the same hardware

**Increase the number of processes in memory**

13. Which is INCORRECT about Shortest Remaining Time First (SRTF) scheduling algorithm?

It is the preemptive Shortest Job First (SJF) algorithm

The shortest remaining time process will be selected to run

It is also a priority scheduling algorithm

**The shortest process will be run first**

14. Which is NOT a criterion to evaluate a CPU scheduling algorithm?

CPU utilization

Waiting time

**RAM utilization**

Response time

15. Which is INCORRECT about non-preemptive in CPU scheduling algorithms?

Only the current process can use the CPU

FIFO is a non-preemptive scheduling algorithm

The current process will always be run until terminated

**The current process can be switched into waiting state**

**? 16. Which is the correct type of Windows XP?**

Embedded

Uni-programming

**Multi-programming**

Special purpose

17. Which is the INCORRECT process scheduling type?

Short-term scheduler

Long-term scheduler

Medium-term scheduler

**Quick-term schedule**

**18.** Suppose a system uses SJN (or SJF) CPU scheduling algorithm. The processes

information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the total waiting time of the processes?

**16**

17

15

18

19. Suppose a system uses SJN (or SJF) scheduling algorithm. The processes information

(arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Calculate the turnaround time of

process P4 ?

=> **12**

20. Which is INCORRECT about batch system?

**Allow many people to use a computer concurrently**

May use FIFO mechanism

Is not like time-sharing system

Is a simple operating system

21. Suppose a system uses Round Robin (RR) scheduling algorithm. The processes

information (arrival time, duration) is P1(0,21), P2(30,10), P3(20,40), P4(40,25), and the

time quantum is 15. Show the order (e.g. P2, P1, P3, P4) in which the processes are

run?

**P1 P1 P3 P2 P4 P3 P4 P3**

**22.** Suppose a system uses SRTF (or preemtive SJF) scheduling algorithm. The processes

information (arrival time, duration) is P1(0,24), P2(20,40), P3(30,10), P4(50,15). Show

the order (e.g. P1 P3 P1 P4 ...) in which the processes are run?

**P1 P2 P3 P2 P4 P2**

23. Which is **INCORRECT** about Shortest Job First **(SJF) CPU scheduling algorithm**?

* Another name of the algorithm is Shortest Job Next (SJN)
* It is also a priority scheduling algorithm
* The shortest process will be selected to be run
* **Shortest remaining time first (SRTF) CPU scheduling algorithm is the same as SJF**

24. Suppose a system uses SJN (or SJF) CPU scheduling algorithm. The processes

information (arrival time, duration) is P1(0,7), P2(2,4), P3(4,1), P4(5,5). Which is the

average waiting time of the processes?

* 2
* **4**
* 5
* 3

25. Which is INCORRECT about an application?

* **It controls I/O (such as read/write operations on disks)**
* It serves a certain task for users or programmers
* It can be organized into multiple files on disks.
* A database management system is an example of an application

26. Which is **INCORRECT** about process **control block (PCB)?**

* **PCBs in all operating systems are the same**
* It is a data structure containing information of a process
* It contains memory management information
* It contains the state of the process

**27.** Suppose a system uses FCFS CPU scheduling algorithm. The duration and order of the

process are P1(20), P2(11), P3(6). Which is the average waiting time of the processes?

* **17**
* 47
* 37
* 27

28. Suppose a system uses FCFS CPU scheduling algorithm. The duration and order of

processes are P1(21), P2(10), P3(6). Which is the throughput of the system?

* 0.2
* 0.4
* 0.3
* **0.1**

29. Which is **INCORRECT** about **context switch**?

* **The current process will be put into waiting queue**
* It is the steps of switching to run another process
* The target process will be run
* The context of the current process will be saved

30. Which is **INCORRECT** about **multi-user operating systems?**

* **It is the same as a multi-programming operating system**
* Allow several people to use the computer at the same time
* Allow several processes to run on a single CPU hardware
* Allow each user to run several processes at the same time

31. which is INCORRECT about Shortest Job First (SJF) CPU scheduling algorithm?

* **Shortest remaining time first (SRTF) CPU scheduling algorithm is the same as SJF**

32. Which is the BEST reason why we need process scheduling?

**Many reason, many process, Utilze system resources more effective, Don’t let ..**

33. which is preemptive CPU scheduling algorithm?

* **RR**
* SJN
* FIFO
* None of the above

34. which is non-preemptive CPU scheduling algorithm?

* **FIFO**
* Round robin
* None of the above
* SRTF

35. Which is INCORRECT about First Come First Served (FCFS) CPU scheduling algorithm ?

* **A process can be swiched from running into waiting state**

36.

-------------------------- Slide ----------------------

Select the best description of what a pure

**computer can do**?

**A. Do calculation, string manipulation and communicate with other devices**

B. Provide graphical interface for users

C. Provide applications for users

D. Provide applications and an Internet connection

Select the code that a pure computer can do

A. a=a+b

**B. 0110010110**

C. c.open();

D. add AX, BX

Select the language a pure computer can understand

**A. Binary code (0110010110)**

B. C

C. C++

D. Assembly

Can we use a pure computer and its **resources directly**?

**A. Yes, only some system programmers can**

B. Any normal user can

C. Normal software developers can

D. Computer providers can

What is **incorrect** about the **main** purposes of **Operating Systems**

A. resource allocator (manages all resources for requests/applications)

B. control program (controls execution of programs to prevent errors and improper use

of the computer

**C. database management (database management system)**

D. provide system calls (API) for programming

Which is **NOT true** about an **application**?

A. Does a certain task/purpose

B. Database Management System (DBMS) is an example

**C. Manages IO operations, such as disk IO operations**

D. May consist of several files on storage devices

What is the correct class of **Windows XP**?

A. Uniprogramming

**B. Multiprogramming**

C. Embedded

D. Special-purpose

What is correct about a **program**?

A. A process

**B. A compiled application (in machine code)**

C. A part of Operating Systems

D. A library

What is correct about a **process**?

A. A file on disk

B. An application

**C. A program running on the system**

D. A library

Which is NOT the main purposes of Virtual machines?

**A. Creates more processes**

B. Utilizes RAM, CPU more effectively

C. Allows multiple independent Operating Systems to run on the same machine

D. Allows multiple independent Operating Systems to run with separated resources (e.g. IP address, Ports, Domain names, …)

Which of the following is not a part of an OS

kernel ?

A. Process management

B. Network management

C. Memory management

**D. Database management systems**

**Which of the following should NOT be fixed in an OS?**

A. SATA driver (a disk driver)

**B. Process management module**

C.Network management

D. Memory management

Which of the following is incorrect about a **time sharing** OS?

A. Allow multiple processes to run on a single CPU

machine

B. Utilize resources more effectively

**C. Only utilize CPU more effectively**

D. Even suitable for multi-CPU machines

Which of the following is incorrect about a **batch OS?**

A. A simple type of OSes

B. It works in First-comes-first-served order

C. **Allow multiple users to use the system concurrently**

D. Not the same as multiprogramming systems

Which of the following is incorrect about a **multi-user OS**?

A. Allow multiple processes to run on a single CPU

machine

B. Allow each user run multiple processes

C. Allow multiple users to use the system concurrently

**D. Be the same as multiprogramming systems**

Which of the following devices DOESN’T have an **embedded system**?

A. mp3 player

B. TV

C. calculator

**D. laptop**

What is the correct relation among **application** , **process** and **program concepts**

A. An application may have multiple processes, a process may have multiple programs

B. An application only has one program, a program only has one process

**C. An application may have multiple programs, a program may have multiple processes**

D. An application may have many programs, a program only has one process

Which of the following is **incorrect** about **context switch**?

A. the steps of changing from current process to the target one

**B. the current process will be put into the waiting queue (READY queue cơ)**

C. the target process will be run

D. the state of the current process will be saved

NOTEs: **context swith** save in **READY queue**; I/O or event wait => in Waiting queue

What is wrong when the CPU scheduler is called?

A. A process changes from RUNNING to READY

B. A process is stopped

**C. A process is admitted**

D. A different process will be run

What is CPU scheduling?

A. Select program to be initialized

B. Select process to swap out

C. Select process to change into the idle state

**D. Select process to run**

**Where is the position of CPU scheduler?**

1. Between NEW and READY states
2. **Between RUNNING and READY states**
3. Between RUNNING and TERMINATED states
4. Between RUNNING and WAITING states

**Which is correct about non-preemptive scheduler?**

A. no arc from RUNNING to READY states

B. no arc from RUNNING to WAITING states

C. no arc from WAITING to READY states

D. no arc from READY to RUNNING states

**Which is incorrect about scheduling optimization?**

A. Maximize turnaround time

B. Maximize throughput

C. Minimize waiting time

D. Minimize response time