

Learning4help by Waqas

Asslam-o-Alaikum! In this file we'll provide you **CS604P Important Finalterm MCQs. Must Prepare Before Finalterm Exams.** Verify Answers yourself too. If you found mistake then inform me.

If you found mistake then let us know.

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Graded)) Quiz Start Time: 08:56 PM, 05 January 2024

Question # 1 of 5 (Start time: 08:56:22 PM, 05 January 2024) Total Marks: 1

In _____ a process must enter the maximum number of instances that he may need in the future.

Select the correct option

College algorithm

Lotus algorithm

University algorithm

Banker algorithm

Reload Math Equations

Graded)) Quiz Start Time: 08:56 PM, 05 January 2024

Question # 2 of 5 (Start time: 08:56:49 PM, 05 January 2024) Total Marks: 1

In Banker algorithm Max data structure is used. If _____, then process P_i can request maximum k instances of resource type R_j .

Select the correct option

$\text{Max}[j, i] = k$

$\text{Max}[k, j] = i$

$\text{Max}[i, j] = k$

$\text{Max}[i, k] = j$

Reload Math Equations

Graded)) Quiz Start Time: 08:56 PM, 05 January 2024

Question # 3 of 5 (Start time: 08:57:11 PM, 05 January 2024) Total Marks: 1

In Banker's algorithm we can say that a system is in a _____ if all of the processes in the system can be executed to termination in some order.

Select the correct option

☐ halt state

☒ safe state

☐ stop state

☐ reverse state

Reload Math Equations

Question # 4 of 5 (Start time: 08:57:41 PM, 05 January 2024) Total Marks: 1

Logical data refers to the instruction or data stored in the _____.

Select the correct option

☐ Hash table space

☒ Process address space

☐ Secondary memory location

☐ Physical memory location

Reload Math Equations

Click to Save Answer & Move to Next Question

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Time Left: 00:00:00

CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 6 - (Not Graded))

Quiz Start Time: 08:56 PM, 05 January 2024

Question # 5 of 5 (Start time: 08:58:39 PM, 05 January 2024) Total Marks: 1

The address seen by memory unit i.e. the address loaded into the memory address register is commonly referred to as the _____.

Select the correct option

Physical address

Logical address

Simple address

Complex address

Reload Math Equations

Search

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CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded))

Quiz Start Time: 10:35 PM, 12 January 2024

Question # 1 of 10 (Start time: 10:35:40 PM, 12 January 2024) Total Marks: 1

In Banker algorithm Max data structure is used. If _____, then process P_i can request maximum k instances of resource type R_j .

Select the correct option

$\text{Max}[k_j] = i$

$\text{Max}[i_j] = k$

$\text{Max}[j_i] = k$

$\text{Max}[i,k] = j$

Reload Math Equations

Search

9°C

ENG 10:35 PM

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Question # 2 of 10 (Start time: 10:35:59 PM, 12 January 2024) Total Marks: 1

In dining philosopher problem all the five philosophers sitting around the round circular table have chopsticks.

Select the correct option

10
☐

3
☐

5
☒

4
☐

Click to Save Answer & Move to Next Question

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded)) Quiz Start Time: 10:35 PM, 12 January 2024

Question # 3 of 10 (Start time: 10:36:13 PM, 12 January 2024) Total Marks: 1

The address generated by CPU is commonly referred to as the

Select the correct option

Complex address
☐

Logical address
☒

Physical address
☐

Sample address
☐

Reload Math Equations

Question # 4 of 10 (Start time: 10:36:31 PM, 12 January 2024) Total Marks: 1

Suppose there are 16 number of pages so number of bits needed for p is:

Select the correct option

Reload Math Equations

3
1
2
4

Click to Save Answer & Move to Next Question

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded)) Quiz Start Time: 10:35 PM, 12 January 2024

Question # 5 of 10 (Start time: 10:36:55 PM, 12 January 2024) Total Marks: 1

In _____ a process must enter the maximum number of instances that he may need in the future.

Select the correct option

Reload Math Equations

Lotus algorithm
College algorithm
Banker algorithm
University algorithm

Question # 6 of 10 (Start time: 10:37:32 PM, 12 January 2024) Total Marks: 1

Logical data refers to the instruction or data stored in the _____.

Select the correct option

Reload Math Equations

☐ Secondary memory location

☒ Process address space

☐ Physical memory location

☐ Hash table space

Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 10:37:56 PM, 12 January 2024) Total Marks: 1

Suppose there are 32 number of frames so number of bits needed for f is:

Select the correct option

Reload Math Equations

☐ 4

☐ 3

☒ 5

☐ 2

Click to Save Answer & Move to Next Question

Question # 8 of 10 (Start time: 10:38:16 PM, 12 January 2024) Total Marks: 1

In dining philosopher problem all the five philosophers can do two things

Select the correct option

☐ laughing and eating

☐ sleeping and eating

☒ thinking and eating

☐ playing and eating

Reload Math Equations

Click to Save Answer & Move to Next Question

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded)) Quiz Start Time: 10:35 PM, 12 January 2024

Question # 9 of 10 (Start time: 10:38:32 PM, 12 January 2024) Total Marks: 1

Dining Philosopher Problem is used in Operating System to solve the Process

Select the correct option

☒ Synchronization Problem

☐ Subtracting Problem

☐ Finding Problem

☐ Adding Problem

Reload Math Equations

Question # 10 of 10 (Start time: 10:39:06 PM, 12 January 2024) Total Marks: 1

Logical Address generated by the CPU is divided into two parts: a page number (p) and a page offset (d) and is calculated by following formula:

Select the correct option

☐ $p * d$

☒ $p + d$

☐ p / d

☐ $p \% d$

Click to Save Answer & Move to Next Question

Question # 1 of 5 (Start time: 02:05:48 PM, 15 January 2024) Total Marks: 1

In most computers memory access time is ranging from

Select the correct option

☐ 10 to 200 microseconds

☒ 10 to 200 nanoseconds

☐ 200 to 300 microseconds

☐ 300 to 600 microseconds

Click to Save Answer & Move to Next Question

Question # 2 of 5 (Start time: 02:06:36 PM, 15 January 2024) Total Marks: 1

Suppose there are 16 number of pages so number of bits needed for p is:

Select the correct option

☐ 1

☐ 3

☒ 4

☐ 2

Click to Save Answer & Move to Next Question

Reload Math Equations

Graded)) Quiz Start Time: 02:05 PM, 15 January 2024

Question # 3 of 5 (Start time: 02:07:33 PM, 15 January 2024) Total Marks: 1

Logical Address generated by the CPU is divided into two parts: a page number (p) and a page offset (d) and is calculated by following formula:

Select the correct option

☐ $p \% d$

☐ $p * d$

☐ p / d

☒ $p + d$

Click to Save Answer & Move to Next Question

Reload Math Equations

Question # 4 of 5 (Start time: 02:07:59 PM, 15 January 2024) Total Marks: 1

_____ has the significant effect on computer performance.

Select the correct option

☐ Self paging

☒ Demand paging

☐ Queue paging

☐ Stack paging

Reload Math Equations

Click to Save Answer & Move to Next Question

Graded)) Quiz Start Time: 02:05 PM, 15 January 2024

Question # 5 of 5 (Start time: 02:08:28 PM, 15 January 2024) Total Marks: 1

As long as there is no _____, the effective access time is equal to the memory access time.

Select the correct option

☐ demand faults

☒ page faults

☐ queue faults

☐ stack faults

Reload Math Equations

Question # 1 of 5 (Start time: 06:12:14 PM, 19 January 2024) Total Marks: 1

Page Replacement Algorithm LRU is called:

Select the correct option

Least Recently Used

Low Reset UP

Low Resolution Used

Low Reset Used

Click to Save Answer & Move to Next Question

Graded)) Quiz Start Time: 06:11 PM, 19 January 2024

Question # 2 of 5 (Start time: 06:12:44 PM, 19 January 2024) Total Marks: 1

In the following declaration of two dimensional integer array:

```
int A[1024][1024];
```

Integer array A has _____ number of rows.

Select the correct option

256

1024

1024x 1024

512

Graded)) Quiz Start Time: 06:11 PM, 19 January 2024

Question # 3 of 5 (Start time: 06:13:07 PM, 19 January 2024) Total Marks: 1

Two-dimensional array can be traversed in row major order if it is traversed _____wise.

Select the correct option

☐ diagonal

☐ hash

☒ row

☐ column

Reload Math Equations

Question # 4 of 5 (Start time: 06:13:33 PM, 19 January 2024) Total Marks: 1

In _____Page Replacement algorithm. If we use the recent past as an approximation of the near future, then we will replace the page that has not been used for the longest period of time.

Select the correct option

☒ Least Recently Used (LRU)

☐ Low Reset Used (LRU)

☐ Low Reset UP (LRU)

☐ Low Resolution Used (LRU)

Reload Math Equations

Click to Save Answer & Move to Next Question

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Graded)) Quiz Start Time: 06:11 PM, 19 January 2024

Question # 5 of 5 (Start time: 06:14:02 PM, 19 January 2024) Total Marks: 1

Least Recently Used (LRU) page replacement algorithm basically works on the concept that the pages that are heavily used in _____ instructions are likely to be used heavily in next instructions.

Select the correct option

hash

pop

previous

push

Reload Math Equations

Question # 1 of 10 (Start time: 06:58:19 PM, 24 January 2024) Total Marks: 1

Page Replacement Algorithm LRU is called:

Select the correct option

Low Reset UP

Low Reset Used

Least Recently Used

Low Resolution Used

Reload Math Equations

Click to Save Answer & Move to Next Question

Question # 2 of 10 (Start time: 06:58:38 PM, 24 January 2024) Total Marks: 1

In _____ the pager brings only those necessary pages into memory that are needed.

Select the correct option

☐ Push paging

☐ Self paging

☒ Demand paging

☐ Hash paging

Click to Save Answer & Move to Next Question

Question # 3 of 10 (Start time: 06:59:01 PM, 24 January 2024) Total Marks: 1

In Disk Free Space Management by using bit map and bit vector each block is represented by _____?

Select the correct option

☐ 3 bits

☐ 2 bits

☐ 4 bits

☒ 1 bit.

Click to Save Answer & Move to Next Question

Question # 4 of 10 (Start time: 06:59:25 PM, 24 January 2024) Total Marks: 1

In _____ Page Replacement algorithm. If we use the recent past as an approximation of the near future, then we will replace the page that has not been used for the longest period of time.

Select the correct option

Reload Math Equations

☐ Low Reset UP (LRU)

☐ Low Reset Used (LRU)

☒ Least Recently Used (LRU)

☐ Low Resolution Used (LRU)

Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 07:00:16 PM, 24 January 2024) Total Marks: 1

Overhead of Bit-Map in Free-Space Management is calculated as:

Select the correct option

Reload Math Equations

☐ $\text{overhead} = (\text{fileSize} / \text{blockSize})$

☐ $\text{overhead} = (\text{diskSize} / \text{freespaceSize})$

☐ $\text{overhead} = (\text{diskSize} / \text{blockSize})$

☒ $\text{overhead} = (\text{diskSize} / \text{bit-vectorSize})$

Click to Save Answer & Move to Next Question

Question # 6 of 10 (Start time: 07:01:17 PM, 24 January 2024) Total Marks: 1

Two-dimensional array can be traversed in row major order if it is traversed _____ wise.

Select the correct option

☐ column

☐ hash

☐ diagonal

☒ row

Click to Save Answer & Move to Next Question

Question # 7 of 10 (Start time: 07:01:39 PM, 24 January 2024) Total Marks: 1

In the following declaration of two dimensional integer array:

```
int A[1024][1024];
```

Integer array A has _____ number of rows.

Select the correct option

☒ 1024

☐ 1024x 1024

☐ 256

☐ 512

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Question # 8 of 10 (Start time: 07:01:50 PM, 24 January 2024) Total Marks: 1

In Disk Free Space management free space list is implemented as a _____.

Select the correct option

Bit Map or Bit Vector

Bit Cap or Bit Tap

Bit Sap or Bit Wap

Bit Nap or Bit Tap

Click to Save Answer & Move to Next Question

CS604P - Operating Systems (Practical) (Semester Quiz # 04 - (Graded)) Quiz Start Time: 06:58 PM, 24 January 2024 Time Left sec(s)

Question # 9 of 10 (Start time: 07:02:24 PM, 24 January 2024) Total Marks: 1

Least Recently Used (LRU) page replacement algorithm basically works on the concept that the pages that are heavily used in _____ instructions are likely to be used heavily in next instructions.

Select the correct option

previous

push

pop

hash

CS604P - Operating Systems (Practical) (Semester Quiz # 04 - (Graded)) Quiz Start Time: 12:07 AM, 25 January 2024

Question # 7 of 10 (Start time: 12:08:33 AM, 25 January 2024) Total Marks: 1

Two-dimensional array can be traversed in column major order if it is traversed _____wise.

Select the correct option

☐ hash

☒ column

☐ diagonal

☐ row

Reload Math Equations

Graded)) Quiz Start Time: 05:50 PM, 14 June 2024

Question # 1 of 5 (Start time: 05:50:40 PM, 14 June 2024) Total Marks: 1

In Banker algorithm Need data structure is used. If _____, then process P_i may need k more instances of resource type R_j to complete the task.

Select the correct option

☐ $Need[k, j] = k$

☐ $Need[i, k] = j$

☐ $Need[j, i] = k$

☒ $Need[i, j] = k$

Reload Math Equations

Graded)) Quiz Start Time: 05:50 PM, 14 June 2024

Question # 2 of 5 (Start time: 05:51:03 PM, 14 June 2024) Total Marks: 1

The address seen by memory unit i.e. the address loaded into the memory address register is commonly referred to as the _____

Select the correct option

Complex address

Logical address

Simple address

Physical address

Reload Math Equations

Graded)) Quiz Start Time: 05:50 PM, 14 June 2024

Question # 3 of 5 (Start time: 05:51:27 PM, 14 June 2024) Total Marks: 1

In dining philosopher problem all the five philosophers can do two things _____

Select the correct option

thinking and eating

playing and eating

sleeping and eating

laughing and eating

Reload Math Equations

Graded)) Quiz Start Time: 05:50 PM, 14 June 2024

Question # 4 of 5 (Start time: 05:51:49 PM, 14 June 2024) Total Marks: 1

In _____ a process must enter the maximum number of instances that he may need in the future.

Select the correct option

College algorithm

Banker algorithm

Lotus algorithm

University algorithm

Reload Math Equations

Click to Save Answer & Move to Next Question

Graded)) Quiz Start Time: 05:50 PM, 14 June 2024

Question # 5 of 5 (Start time: 05:52:29 PM, 14 June 2024) Total Marks: 1

We need the following data structures in the Banker's algorithm:

Select the correct option

Available, Max, Allocation and Next.

Available, Max, Allocation and Need.

Available, Min, Allocation and First.

Available, Min, Allocation and Find.

Reload Math Equations

Question # 2 of 5 (Start time: 05:55:26 PM, 14 June 2024) Total Marks: 1

In dining philosopher problem all the five philosophers sitting around the round circular table have ----- chopsticks.

Select the correct option

4

5

3

10

Reload Math Equations

Click to Save Answer & Move to Next Question

Graded)) Quiz Start Time: 05:55 PM, 14 June 2024

Question # 4 of 5 (Start time: 05:56:14 PM, 14 June 2024) Total Marks: 1

The address generated by CPU is commonly referred to as the _____.

Select the correct option

Logical address

Sample address

Complex address

Physical address

Reload Math Equations

Graded)) Quiz Start Time: 05:55 PM, 14 June 2024

Question # 5 of 5 (Start time: 05:56:35 PM, 14 June 2024) Total Marks: 1

In dining philosopher problem, a philosopher can start eating once he has _____ chopsticks

Select the correct option

4

3

5

2

Reload Math Equations

CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 7 - (Not Graded)) Quiz Start Time: 10:14 PM, 21 June 2024

Question # 1 of 5 (Start time: 10:14:50 PM, 21 June 2024) Total Marks: 1

Logical data refers to the instruction or data stored in the _____.

Select the correct option

- ☐ Physical memory location
- ☐ Hash table space
- ☒ Process address space
- ☐ Secondary memory location

Click to Save Answer & Move to Next Question

CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 7 - (Not Graded)) Quiz Start Time: 10:14 PM, 21 June 2024

Question # 2 of 5 (Start time: 10:15:23 PM, 21 June 2024) Total Marks: 1

_____ has the significant effect on computer performance.

Select the correct option

- ☐ Stack paging
- ☒ Demand paging
- ☐ Self paging
- ☐ Queue paging

Click to Save Answer & Move to Next Question

MC220200450: ABDUL AZIM

CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 7 - (Not Graded))

Time Left 43 sec(s)

Quiz Start Time: 10:14 PM, 21 June 2024

Question # 3 of 5 (Start time: 10:16:01 PM, 21 June 2024) Total Marks: 1

As long as there is no _____, the effective access time is equal to the memory access time.

Select the correct option

Reload Math Equations

- ☐ queue faults
- ☐ demand faults
- ☐ stack faults
- ☒ page faults

MC220200450: ABDUL AZIM

CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 7 - (Not Graded))

Time Left 75 sec(s)

Quiz Start Time: 10:14 PM, 21 June 2024

Question # 4 of 5 (Start time: 10:18:31 PM, 21 June 2024) Total Marks: 1

In most computers memory access time is ranging from _____

Select the correct option

Reload Math Equations

- ☒ 10 to 200 nanoseconds
- ☐ 300 to 600 microseconds
- ☐ 200 to 300 microseconds
- ☐ 10 to 200 microseconds

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MC220200450: ABDUL AZIM

CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 7 - (Not Graded))

Time Left 49 sec(s)

Quiz Start Time: 10:14 PM, 21 June 2024

Question # 5 of 5 (Start time: 10:18:56 PM, 21 June 2024) Total Marks: 1

Suppose there are 32 number of frames so number of bits needed for f is:

Select the correct option

Reload Math Equations

☐ 4

☒ 5

☐ 2

☐ 3

Question # 2 of 10 (Start time: 11:22:56 PM, 26 June 2024) Total Marks: 1

Logical data refers to the instruction or data stored in the _____

Select the correct option

Reload Math Equations

☐ Hash table space

☐ Physical memory location

☐ Secondary memory location

☒ Process address space

MC220200450: ABDUL AZIM

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded))

Time Left 72 sec(s)

Quiz Start Time: 11:06 PM, 25 June 2024

Question # 1 of 10 (Start time: 11:06:23 PM, 25 June 2024) Total Marks: 1

Dining Philosopher Problem is used in Operating System to solve the Process

Select the correct option

Adding Problem

Synchronization Problem

Finding Problem

Subtracting Problem

Reload Math Equations

MC220200450: ABDUL AZIM

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded))

Time Left 72 sec(s)

Quiz Start Time: 11:06 PM, 25 June 2024

Question # 2 of 10 (Start time: 11:06:51 PM, 25 June 2024) Total Marks: 1

The Solution of Dining Philosopher Problem is used to avoid

Select the correct option

Isolation condition

Multitasking condition

Separation condition

Deadlock condition

Reload Math Equations

MC220200450: ABDUL AZIM

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded))

Time Left 61 sec(s)

Quiz Start Time: 11:06 PM, 25 June 2024

Question # 3 of 10 (Start time: 11:07:22 PM, 25 June 2024) Total Marks: 1

In Banker algorithm Max data structure is used. If _____, then process P_i can request maximum k instances of resource type R_j .

Select the correct option

Reload Math Equations

☐ $\text{Max}[i] = k$
☒ $\text{Max}[j] = k$
☐ $\text{Max}[ik] = j$
☐ $\text{Max}[kj] = i$

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded))

Quiz Start Time: 11:06 PM, 25 June 2024

Question # 4 of 10 (Start time: 11:08:08 PM, 25 June 2024) Total Marks: 1

In Round Robin (RR) scheduling Algorithm, suppose Process P_i has the following values of Turnaround time and Burst Time as:
 Turnaround Time = 10
 Burst Time = 7
 Waiting Time of Process P_i can be calculated as:

Select the correct option

Reload Math Equations

☐ Waiting Time = Turnaround Time * Burst Time
☐ Waiting Time = Turnaround Time / Burst Time
☐ Waiting Time = Turnaround Time + Burst Time
☒ Waiting Time = Turnaround Time - Burst Time

Click to Save Answer & Move to Next Question

MC220200450: ABDUL AZIM

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded))

Time Left 71 sec(s)

Quiz Start Time: 11:06 PM, 25 June 2024

Question # 5 of 10 (Start time: 11:09:48 PM, 25 June 2024) Total Marks: 1

Producer-Consumer problem is considered as the process _____ problem.

Select the correct option

☐ limitation

☒ synchronization

☐ blocking

☐ receiving

Reload Math Equations

Question # 6 of 10 (Start time: 11:10:19 PM, 25 June 2024) Total Marks: 1

In dining philosopher problem, a philosopher can start eating once he has _____ chopsticks

Select the correct option

☐ 5

☐ 4

☒ 2

☐ 3

Reload Math Equations

Click to Save Answer & Move to Next Question

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded)) Quiz Start Time: 11:06 PM, 25 June 2024

Question # 7 of 10 (Start time: 11:11:01 PM, 25 June 2024) Total Marks: 1

Producer process produces an item that is _____ by the consumer.

Select the correct option

☐ blocked

☒ consumed

☐ send

☐ hold

Reload Math Equations

Question # 8 of 10 (Start time: 11:12:48 PM, 25 June 2024) Total Marks: 1

In Round Robin (RR) scheduling algorithm burst times of P1 and P2 are 10 and 11 seconds respectively, and time quantum is 5 seconds. After every ____ seconds CPU scheduler will be invoked.

Select the correct option

☐ 8

☐ 7

☒ 5

☐ 9

Reload Math Equations

Click to Save Answer & Move to Next Question

MC220200450: ABDUL AZIM

Time Left 36 sec(s)

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded))

Quiz Start Time: 11:06 PM, 25 June 2024

Question # 9 of 10 (Start time: 11:13:32 PM, 25 June 2024) Total Marks: 1

The address seen by memory unit i.e. the address loaded into the memory address register is commonly referred to as the _____.

Select the correct option

Physical address

Simple address

Complex address

Reload Math Equations

Question # 10 of 10 (Start time: 11:14:42 PM, 25 June 2024) Total Marks: 1

We need the following data structures in the Banker's algorithm:

Select the correct option

Available, Max, Allocation and Need.

Available, Min, Allocation and First.

Available, Min, Allocation and Find.

Available, Max, Allocation and Next.

Reload Math Equations

Click to Save Answer & Move to Next Question

1349x757 Recording [00:01:09]

Question # 2 of 10 (Start time: 03:46:34 PM, 26 June 2024) Total Marks: 1

In Banker's algorithm we can say that a system is in a _____ if all of the processes in the system can be executed to termination in some order.

Select the correct option

☐ stop state

☐ halt state

☒ safe state

☐ reverse state

Reload Math Equations

Click to Save Answer & Move to Next Question

1349x757 Recording [00:01:29]

Question # 3 of 10 (Start time: 03:47:28 PM, 26 June 2024) Total Marks: 1

The Solution of Dining Philosopher Problem is used to avoid _____.

Select the correct option

☐ Isolation condition

☐ Multitasking condition

☒ Deadlock condition

☐ Separation condition

Reload Math Equations

Click to Save Answer & Move to Next Question

1349x757 Pause [00:02:43]

ECO401_handouts... MTH 302 MTH603 Mid Term... CS607AI_Complete... Microsoft Word - U... Microsoft Word - fo... Introduction to Psyc... Second Language A... Online Journalism...

Question # 4 of 10 (Start time: 03:47:48 PM, 26 June 2024) **Total Marks: 1**

We have to implement the Producer-Consumer problem by using _____

Select the correct option

Reload Math Equations

☐ Programmable Read-Only Memory (PROM)

☐ Unshared Memory

☐ Read-Only Memory (ROM)

☒ Shared Memory

Click to Save Answer & Move to Next Question

Search

Recording [00:03:27]

ECO401_handouts... MTH 302 MTH603 Mid Term... CS607AI_Complete... Microsoft Word - U... Microsoft Word - fo... Introduction to Psyc... Second Language A... Online Journalism...

Question # 6 of 10 (Start time: 03:49:30 PM, 26 June 2024) **Total Marks: 1**

In dining philosopher problem all the five philosophers can do two things _____

Select the correct option

Reload Math Equations

☐ sleeping and eating

☐ playing and eating

☐ laughing and eating

☒ thinking and eating

Click to Save Answer & Move to Next Question

Search

1349x757 Recording [00:03:40]

Question # 7 of 10 (Start time: 03:50:00 PM, 26 June 2024) Total Marks: 1

The address generated by CPU is commonly referred to as the _____

Select the correct option

Physical address

Sample address

Complex address

Logical address

Reload Math Equations

Click to Save Answer & Move to Next Question

Pause [00:04:28]

Question # 8 of 10 (Start time: 03:50:13 PM, 26 June 2024) Total Marks: 1

In case producer process wants to produce some item and buffer is already full to its capacity then there will be buffer _____ message.

Select the correct option

pull

busy

empty

full

Reload Math Equations

Click to Save Answer & Move to Next Question

1349x757 Recording [00:04:55]

Question # 9 of 10 (Start time: 03:51:23 PM, 26 June 2024) Total Marks: 1

In Banker algorithm Need data structure is used. If _____, then process P_i may need k more instances of resource type R_j to complete the task.

Select the correct option

Reload Math Equations

☐ $Need[i, j] = k$

☐ $Need[k, j] = k$

☒ $Need[i, j] = k$

☐ $Need[i, k] = j$

Click to Save Answer & Move to Next Question

Pause [00:05:40]

Question # 10 of 10 (Start time: 03:51:46 PM, 26 June 2024) Total Marks: 1

Logical data refers to the instruction or data stored in the _____.

Select the correct option

Reload Math Equations

☐ Hash table space

☐ Physical memory location

☒ Process address space

☐ Secondary memory location

Click to Save Answer & Move to Next Question

Question # 10 of 10 (Start time: 03:51:46 PM, 26 June 2024) Total Marks: 1

Logical data refers to the instruction or data stored in the _____.

Select the correct option

☐ Hash table space

☐ Physical memory location

☒ Process address space

☐ Secondary memory location

Reload Math Equations

Click to Save Answer & Move to Next Question

Question # 4 of 10 (Start time: 11:25:12 PM, 26 June 2024) Total Marks: 1

In dining philosopher problem all the five philosophers sitting around the round circular table have _____ chopsticks.

Select the correct option

☒ 5

☐ 3

☐ 10

☐ 4

Reload Math Equations

Click to Save Answer & Move to Next Question

Question # 5 of 10 (Start time: 11:25:46 PM, 26 June 2024) Total Marks: 1

The Solution of Dining Philosopher Problem is used to avoid -----.

Select the correct option

☒ Deadlock condition

☐ Separation condition

☐ Multitasking condition

☐ Isolation condition

Click to Save Answer & Move to Next Question

CS604P - Operating Systems (Practical) (Semester Quiz # 03 - (Graded)) Quiz Start Time: 11:22 PM, 26 June 2024

Question # 7 of 10 (Start time: 11:26:50 PM, 26 June 2024) Total Marks: 1

In case producer process has not yet produced any item and consumer process want to consume an item from the buffer than there will be buffer ----- message.

Select the correct option

☐ full

☒ empty

☐ busy

☐ lock

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CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 8 - (Not Graded))

Quiz Start Time: 01:34 PM, 28 June 2024

Question # 1 of 5 (Start time: 01:34:54 PM, 28 June 2024)

Total Marks: 1

_____ has the significant effect on computer performance.

Select the correct option

Reload Math Equations

- ☐ Self paging
- ☒ Demand paging
- ☐ Queue paging
- ☐ Stack paging

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CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 8 - (Not Graded))

Quiz Start Time: 01:34 PM, 28 June 2024

Question # 2 of 5 (Start time: 01:35:52 PM, 28 June 2024)

Total Marks: 1

In _____ Page Replacement algorithm. If we use the recent past as an approximation of the near future, then we will replace the page that has not been used for the longest period of time.

Select the correct option

Reload Math Equations

- ☐ Low Resolution Used (LRU)
- ☒ Least Recently Used (LRU)
- ☐ Low Reset UP (LRU)
- ☐ Low Reset Used (LRU)

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CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 8 - (Not Graded))

Quiz Start Time: 01:34 PM, 28 June 2024

Question # 3 of 5 (Start time: 01:36:37 PM, 28 June 2024)

Total Marks: 1

Logical Address generated by the CPU is divided into two parts: a page number (p) and a page offset (d) and is calculated by following formula:

Select the correct option

Reload Math Equations

☐ p / d

☐ $p \% d$

☒ $p + d$

☐ $p * d$

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CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 8 - (Not Graded))

Quiz Start Time: 01:34 PM, 28 June 2024

Question # 4 of 5 (Start time: 01:37:16 PM, 28 June 2024)

Total Marks: 1

In most computers memory access time is ranging from _____.

Select the correct option

Reload Math Equations

☐ 300 to 600 microseconds

☒ 10 to 200 nanoseconds

☐ 10 to 200 microseconds

☐ 200 to 300 microseconds

CS604P - Operating Systems (Practical) (Lab Attendance Quiz # 8 - (Not Graded))

Quiz Start Time: 01:34 PM, 28 June 2024

Question # 5 of 5 (Start time: 01:37:59 PM, 28 June 2024) Total Marks: 1

As long as there is no _____, the effective access time is equal to the memory access time.

Select the correct option

stack faults

queue faults

demand faults

page faults

Reload Math Equations

Graded))

Quiz Start Time: 01:40 PM, 28 June 2024

Question # 1 of 5 (Start time: 01:40:06 PM, 28 June 2024) Total Marks: 1

Suppose there are 32 number of frames so number of bits needed for f is:

Select the correct option

4

3

5

2

Reload Math Equations

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Graded)) Quiz Start Time: 01:40 PM, 28 June 2024

Question # 3 of 5 (Start time: 01:40:37 PM, 28 June 2024) Total Marks: 1

Least Recently Used (LRU) page replacement algorithm basically works on the concept that the pages that are heavily used in _____ instructions are likely to be used heavily in next instructions.

Select the correct option

Reload Math Equations

☐ pop

☐ push

☒ previous

☐ hash

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Graded)) Quiz Start Time: 01:40 PM, 28 June 2024

Question # 4 of 5 (Start time: 01:41:21 PM, 28 June 2024) Total Marks: 1

Suppose there are 16 number of pages so number of bits needed for p is:

Select the correct option

Reload Math Equations

☒ 4

☐ 2

☐ 1

☐ 3

1347x757 Recording [00:00:21]

CS604P - Operating Systems (Practical) (Semester Quiz # 04 - (Graded)) Quiz Start Time: 03:50 PM, 01 July 2024

Question # 1 of 10 (Start time: 03:50:04 PM, 01 July 2024) Total Marks: 1

Suppose there are 16 number of pages so number of bits needed for p is:

Select the correct option

Reload Math Equations

☒ 4

☐ 1

☐ 2

☐ 3

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Graded)) Quiz Start Time: 05:48 PM, 04 July 2024

Question # 1 of 5 (Start time: 05:48:14 PM, 04 July 2024) Total Marks: 1

As long as there is no _____, the effective access time is equal to the memory access time.

Select the correct option

Reload Math Equations

☐ stack faults

☐ page faults

☐ queue faults

☒ demand faults

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Graded)) Quiz Start Time: 05:48 PM, 04 July 2024

Question # 2 of 5 (Start time: 05:49:00 PM, 04 July 2024) Total Marks: 1

Two-dimensional array can be traversed in row major order if it is traversed _____ wise.

Select the correct option

☒ row

☐ hash

☐ column

☐ diagonal

Reload Math Equations

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Graded)) Quiz Start Time: 05:48 PM, 04 July 2024

Question # 3 of 5 (Start time: 05:49:35 PM, 04 July 2024) Total Marks: 1

In _____ the pager brings only those necessary pages into memory that are needed.

Select the correct option

☐ Push paging

☐ Self paging

☐ Hash paging

☒ Demand paging

Reload Math Equations

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Graded)) Quiz Start Time: 05:48 PM, 04 July 2024

Question # 4 of 5 (Start time: 05:50:09 PM, 04 July 2024) Total Marks: 1

In the following declaration of two dimensional integer array:
`int A[1024][1024];`
Integer array A has _____ number of rows.

Select the correct option

Reload Math Equations

- ☐ 512
- ☐ 256
- ☐ 1024x 1024
- ☒ 1024

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Graded)) Quiz Start Time: 05:48 PM, 04 July 2024

Question # 5 of 5 (Start time: 05:50:32 PM, 04 July 2024) Total Marks: 1

In _____ Page Replacement algorithm. If we use the recent past as an approximation of the near future, then we will replace the page that has not been used for the longest period of time.

Select the correct option

Reload Math Equations

- ☐ Low Reset UP (LRU)
- ☐ Low Reset Used (LRU)
- ☒ Least Recently Used (LRU)
- ☐ Low Resolution Used (LRU)

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Graded)) Quiz Start Time: 05:53 PM, 04 July 2024

Question # 1 of 5 (Start time: 05:53:00 PM, 04 July 2024) Total Marks: 1

Page Replacement Algorithm LRU is called:

Select the correct option

Reload Math Equations

- ☐ Low Reset UP
- ☐ Low Reset Used
- ☒ Least Recently Used
- ☐ Low Resolution Used

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Graded)) Quiz Start Time: 05:53 PM, 04 July 2024

Question # 5 of 5 (Start time: 05:54:05 PM, 04 July 2024) Total Marks: 1

In Disk Free Space management free space list is implemented as a _____

Select the correct option

Reload Math Equations

- ☐ Bit Cap or Bit Tap
- ☐ Bit Nap or Bit Tap
- ☐ Bit Sap or Bit Wap
- ☒ Bit Map or Bit Vector