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CS604 QUIZ.4 FILE

SOLVED BY SANAULLAH KHAN

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Subject Enrolment

1. Online classes are available (Mathematics)
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Final project (MTH620)

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Question # 1 of 10 (Start time: 07:04:45 PM, 01 September 2022)

Total Marks: 1

Deadlock detection and recovery technique is exactly similar to deadlock avoidance technique to handle deadlock in the system.

Select the correct option

<input type="radio"/>	False
<input checked="" type="radio"/>	True

Click to Save Answer & Move to Next Question

Windows taskbar: 7:05 PM 9/1/2022
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Question # 2 of 10 (Start time: 07:05:27 PM, 01 September 2022)

Total Marks: 1

Assume a logical address space of 16 pages, each of 1024 words, each mapped into a physical memory of 32 frames. Each word consists of 2 bytes. What will be the total number of bits required for f (frames)?

Select the correct option

<input type="radio"/>	6
<input checked="" type="radio"/>	5
<input type="radio"/>	8
<input type="radio"/>	7

Windows taskbar: 7:06 PM 9/1/2022

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Question # 3 of 10 (Start time: 07:06:19 PM, 01 September 2022)

Total Marks: 1

The -----scheme is not applicable to a resource allocation system with multiple instances of each resource type.

Select the correct option

- Resource allocation graph
- Both Resource-allocation and wait-for graph
- None of the given options
- Wait for graph

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Question # 4 of 10 (Start time: 07:06:47 PM, 01 September 2022)

Total Marks: 1

----- is used in the detection and recovery mechanism to handle deadlocks.

Select the correct option

- Resource allocation Graph
- Wait-for Graph
- Circular Graph
- Claim Edge Graph

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Question # 5 of 10 (Start time: 07:07:14 PM, 01 September 2022)

Total Marks: 1

The main memory is usually divided into partitions, one for _____ and other for _____ .

Select the correct option

- Operating system, CPU
- Operating System, User processes
- Processes, Virtual Memory
- Base Register, Limit Register

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Question # 6 of 10 (Start time: 07:07:35 PM, 01 September 2022)

Total Marks: 1

_____ is caused due to un-used space in physical memory.

Select the correct option

- MVT
- Internal fragmentation
- External fragmentation
- Paging

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Logical memory is divided into blocks of the same size, called_____.

Select the correct option

- Frame
- Pages
- Page size
- Table

Click to Save Answer & Move to Next Question

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Question # 8 of 10 (Start time: 07:09:02 PM, 01 September 2022) Total Marks: 1

The segment table maps the _____ to physical addresses.

Select the correct option

- One-dimensional logical addresses
- Two-dimensional logical addresses
- Shared page addresses
- Page addresses

Click to Save Answer & Move to Next Question

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Question # 9 of 10 (Start time: 07:09:25 PM, 01 September 2022)

Total Marks: 1

Variable names are ----- addresses

Select the correct option

Symbolic

Relative

Relocatable

Physical

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Question # 10 of 10 (Start time: 07:09:50 PM, 01 September 2022)

Total Marks: 1

To eliminate external fragmentation in segmentation the scheme used is -----.

Select the correct option

Fixed size partition scheme

Fixed size paging scheme

Variable size paging scheme

Variable size partition scheme

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Question # 1 of 10 (Start time: 07:19:45 PM, 01 September 2022)

Total Marks: 1

The run-time mapping from virtual to physical addresses is done by a piece of hardware in the CPU, called the -----

Select the correct option

- None of the given options
- Memory management unit (MMU)
- CPU Scheduler
- Registers

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Question # 2 of 10 (Start time: 07:20:04 PM, 01 September 2022)

Total Marks: 1

How does a logical-address space is represented?

Select the correct option

- Through Critical section
- Through Segments

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Question # 3 of 10 (Start time: 07:20:25 PM, 01 September 2022)

Total Marks: 1

Main Memory is _____ memory.

Select the correct option

Virtual

Non-volatile

Permanent

Volatile

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Question # 4 of 10 (Start time: 07:20:51 PM, 01 September 2022)

Total Marks: 1

A page table needed for keeping track of pages of the page table is called -----

Select the correct option

Page directory

Page table size

2-level paging

Page size

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CS604 - Operating Systems (Quiz No. 4) Quiz Start Time: 07:19 PM, 01 September 2022

Question # 5 of 10 (Start time: 07:21:17 PM, 01 September 2022) Total Marks: 1

The -----scheme is not applicable to a resource allocation system with multiple instances of each resource type.

Select the correct option

- Wait for graph
- None of the given options
- Both Resource-allocation and wait-for graph
- Resource allocation graph

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Question # 6 of 10 (Start time: 07:21:35 PM, 01 September 2022) Total Marks: 1

Cache is non-volatile memory.

Select the correct option

- True
- False

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Question # 7 of 10 (Start time: 07:21:51 PM, 01 September 2022) Total Marks: 1

The size of pages and frames are same in logical memory and physical memory respectively.

Select the correct option

<input checked="" type="radio"/>	False
<input type="radio"/>	True

Click to Save Answer & Move to Next Question

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Question # 8 of 10 (Start time: 07:22:16 PM, 01 September 2022) Total Marks: 1

_____ is caused due to un-used space in fixed size blocks/ pages.

Select the correct option

<input type="radio"/>	MVT
<input type="radio"/>	Paging
<input type="radio"/>	External fragmentation
<input checked="" type="radio"/>	Internal fragmentation

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CS604 - Operating Systems (Quiz No. 4) Quiz Start Time: 07:19 PM, 01 September 2022

Question # 9 of 10 (Start time: 07:22:50 PM, 01 September 2022) Total Marks: 1

----- is constrained by factors like quantum for RR scheduler and pending I/O for swapped out process.

Select the correct option

- Rollin
- Swapping
- Kernel

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CS604 - Operating Systems (Quiz No. 4) Quiz Start Time: 07:19 PM, 01 September 2022

Question # 10 of 10 (Start time: 07:23:18 PM, 01 September 2022) Total Marks: 1

Every -----generated by the CPU is divided into two parts: a page number (p) and a page offset (d).

Select the correct option

- Physical address
- Logical address
- Process address space
- Page

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