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CS604 Final Term Papers By Waqar (File 7)

Question No : 6 of 52 Marks: 1 (Budgeted Time 1 Min)

----------is the process of mapping a name to an address.

nooooo ideaaaa

Answer (Please select your correct option) VuAnswers.com

- Addressing
- Binding
- Routing
- Memory

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Question No : 7 of 52 Marks: 1 (Budgeted Time 1 Min)

When the address used in a program gets converted to an actual physical RAM address, it is called ----------

Answer (Please select your correct option) VuAnswers.com

- Execution
- Loading
- Address Binding

ans

- Compiling

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Question No : 8 of 52 Marks: 1 (Budgeted Time 1 Min)

The set of all logical addresses generated by a program form the ----------of a process.

Answer (Please select your correct option) VuAnswers.com

- Process address space
- Physical address space

ans

- Logical address space
- None of the given options

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Question No : 9 of 52 Marks: 1 (Budgeted Time 1 Min)

Each page is a power of -------- bytes long in paging scheme.

VuAnswers.com

Answer (Please select your correct option)

- 2
- 3
- 4

ans

- 5

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Question No : 10 of 52 Marks: 1 (Budgeted Time 1 Min)

----------is the separation of user logical memory from physical memory

VuAnswers.com

Answer (Please select your correct option)

- Physical memory
- ROM
- Virtual Memory

ans

- None of the given options

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Question No : 11 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ is based on the locality of reference concept— the least frequently used page is not in the current locality

VuAnswers.com

Answer (Please select your correct option)

- Least Frequently Used algorithm

ans

- Page Buffering Algoritm
- None of the given options
- Most Frequently Used algorithm

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Question No : 12 of 52 Marks: 1 (Budgeted Time 1 Min)

In case of thrashing if CPU utilization is too low the operating system _____ the degree of multiprogramming

VuAnswers.com

Answer (Please select your correct option)

- Increases

ans

- Decreases
- Increases or Decreases
- None of the given options

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Question No : 13 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ is created by the system when a symbolic link is created to an existing file, allowing you to rename the existing file and share it without duplicating its contents

VuAnswers.com

Answer (Please select your correct option)

- Directory
- Character-special file
- Ordinary File
- Link File

ans out of lectues

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Question No : 14 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ brings all the pointers to the block together into a disk block

VuAnswers.com

Answer (Please select your correct option)

- Indexed Allocation

ans

- None of the given options
- Linked Allocation
- Contiguous Allocation

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Question No : 15 of 52 Marks: 1 (Budgeted Time 1 Min)

In the _____algorithm the disk arm starts at one end of the disk, and moves toward the other end, servicing requests as it reaches each cylinder, until it gets to the other end of the disk.

out of lect

VuAnswers.com

Answer (Please select your correct option)

- Scan
- SSTF
- Look
- C-Look

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Question No : 16 of 52 Marks: 1 (Budgeted Time 1 Min)

Wrong use of wait and signal operations (in context with semaphores) can cause _____ problem(s).

VuAnswers.com

Answer (Please select your correct option)

- Mutual Exclusion
- Deadlock
- Bounded Waiting
- All of the given options are correct

ans

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Question No : 17 of 52 Marks: 1 (Budgeted Time 1 Min)

A process is _____if it is spending more time on paging

VuAnswers.com

Answer (Please select your correct option)

- Thrashing

ans

- Demand paging
- Paging
- Fixed Allocation

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Question No : 18 of 52 Marks: 1 (Budgeted Time 1 Min)

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

Answer (Please select your correct option)

VuAnswers.com

- Internal fragmentation

ans

- External fragmentation
- Paging
- MVT

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Question No : 19 of 52 Marks: 1 (Budgeted Time 1 Min)

External Fragmentation takes place in _____

Answer (Please select your correct option)

VuAnswers.com

- Multiprogramming with Variable Tasks (MVT)
- Multiprogramming with Fixed Tasks (MFT)

ans

- Multi-tasking
- Paging

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Question No : 20 of 52 Marks: 1 (Budgeted Time 1 Min)

To eliminate external fragmentation in segmentation the scheme used is _____

Answer (Please select your correct option)

VuAnswers.com

- Fixed size partition scheme
- Variable size partition scheme

and

- Fixed size paging scheme
- Variable size paging scheme

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Question No : 21 of 52 Marks: 1 (Budgeted Time 1 Min)

In paged segmentation, the logical address is legal if d is _____segment length.

Answer (Please select your correct option) VuAnswers.com

- Less than
  ans
- Greater than
- Equal to
- Greater than or equal to

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Question No : 22 of 52 Marks: 1 (Budgeted Time 1 Min)

In a UNIX system,_____ system call can be used to request the operating system to memory map an opened file.

Answer (Please select your correct option) VuAnswers.com

- mmap( )
  ans
- fork ( )
- exec( )
- read( )

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Question No : 23 of 52 Marks: 1 (Budgeted Time 1 Min)

A _____ is an integer variable that, apart from initialization is accessible only through two standard atomic operations: wait and signal.

Answer (Please select your correct option) VuAnswers.com

- Semaphore
  ans
- Monitor
- Critical region
- Critical section

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Question No : 24 of 52 Marks: 1 (Budgeted Time 1 Min)

The bottom layer in the layered approach of Operating System is----------

Answer (Please select your correct option)

VuAnswers.com

- User interface
- Hardware
  ans
- Kernel
- None of the given options

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Question No : 25 of 52 Marks: 1 (Budgeted Time 1 Min)

In _____ frame allocation scheme free frames are equally divided among processes

Answer (Please select your correct option)

VuAnswers.com

- Fixed
  ans
- Proportional
- Priority
- All of the given

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Question No : 26 of 52 Marks: 1 (Budgeted Time 1 Min)

A set of processes are said to be in ---------- condition if each process in the set is waiting for an event that only another process in the set can cause (including itself).

Answer (Please select your correct option)

VuAnswers.com

- Mutual exclusion
- Deadlock
- Release
- Lock

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Question No : 27 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ states that as a process executes it moves from locality to locality.

out of

Answer (Please select your correct option)

VuAnswers.com

- Working Set Model
- Page Fault Frequency
- Locality of Reference
- None of the given options

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Question No : 28 of 52 Marks: 1 (Budgeted Time 1 Min)

A modification of free-list approach in free space managment is to store the addresses of n free blocks in the first free block is known as _____.

out of

Answer (Please select your correct option)

VuAnswers.com

- counting
- linked list
- bit vector
- grouping

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Question No : 29 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ commands in Linux is used to copy file

Answer (Please select your correct option)

VuAnswers.com

- ls
- cp

ans

- mv
- mkdir

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Question No : 30 of 52 Marks: 1 (Budgeted Time 1 Min)

You can use the rm file1 command to _____ file1.

out of

VuAnswers.com

Answer (Please select your correct option)

- Retrieve
- Make
- Modify
- Remove

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Question No : 31 of 52 Marks: 1 (Budgeted Time 1 Min)

A parent process calling _____ system call will be suspended until children process terminates.

VuAnswers.com

Answer (Please select your correct option)

- wait

ans

- fork
- exit
- exec

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Question No : 32 of 52 Marks: 1 (Budgeted Time 1 Min)

----------are used for communication between unrelated processes on a system.

VuAnswers.com

Answer (Please select your correct option)

- Pipes
- Named pipe (FIFO):

ans

- BSD Sockets
- none of the given options

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Question No : 33 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ wastes CPU cycles and hence a problem in real multiprogramming system.

Answer (Please select your correct option)

VuAnswers.com

- Busy waiting ans
- Semaphore
- Critical section
- Mutex

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Question No : 34 of 52 Marks: 1 (Budgeted Time 1 Min)

High-level synchronization construct that allows the safe sharing of an abstract data type among concurrent processes is called a ----------

Answer (Please select your correct option)

VuAnswers.com

- Read/Write Lock
- Swap
- Semaphore
- Monitor ans

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Question No : 35 of 52 Marks: 1 (Budgeted Time 1 Min)

We want a page replacement algorithm with the _____ page-fault rate.

Answer (Please select your correct option)

VuAnswers.com

- Highest
- Lowest ans
- Normal
- None of the given

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Question No : 36 of 52 Marks: 1 (Budgeted Time 1 Min)

_____ is used to point to the size of a process.

Answer (Please select your correct option)

VuAnswers.com

- Base register
- Limit register
- Stack pointer
- None of the given

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Question No : 37 of 52 Marks: 1 (Budgeted Time 1 Min)

A binary semaphore_____.

Answer (Please select your correct option)

VuAnswers.com

- has the values one or zero.

ans

- is essential to binary computers.
- is a deadlock scheme.
- None of the given.

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Question No : 38 of 52 Marks: 1 (Budgeted Time 1 Min)

In one of the deadlock prevention methods, impose a total ordering of all resource types, and require that each process requests resources in an increasing order of enumeration. This violates the _____condition of deadlock

Answer (Please select your correct option)

VuAnswers.com

- Mutual exclusion
- Hold and Wait
- Circular Wait

ans

- No Preemption Right

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Question No : 39 of 52 Marks: 1 (Budgeted Time 1 Min)

Which of the following is NOT a valid deadlock prevention scheme?

Answer (Please select your correct option)

VuAnswers.com

- Release all resources before requesting a new resource
- Number the resources uniquely and never request a lower numbered resource than the last one requested.
- Never request a resource after releasing any resource
- Request and all required resources be allocated before execution.

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Question No : 40 of 52 Marks: 1 (Budgeted Time 1 Min)

Where does the swap space reside ?

Answer (Please select your correct option)

VuAnswers.com

- RAM
  and
- Disk
- ROM
- On-chip cache

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Question No : 1 of 52 Marks: 1 (Budgeted Time 1 Min)

Command-line interpreter is often known as the --------

Answer (Please select your correct option)

VuAnswers.com

- register
- shell
  ans
- kernel
- timer

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Question No : 2 of 52 Marks: 1 (Budgeted Time 1 Min)

You can suspend a foreground process by pressing ---------- key press

Answer (Please select your correct option) VuAnswers.com

- <Ctrl-A>
- <Ctrl-C>
- <Ctrl-Z>

ans

- None of the given options

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Question No : 3 of 52 Marks: 1 (Budgeted Time 1 Min)

Preemptive scheme of Short job first scheduling is known as -------

Answer (Please select your correct option) VuAnswers.com

- First Come First Serve Scheduling
- Shortest-Remaining-Time-First
- Priority Scheduling

ans

- Round-Robin Scheduling

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Question No : 4 of 52 Marks: 1 (Budgeted Time 1 Min)

Wait and signal operations of semaphores were originally termed ----------

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Answer (Please select your correct option)

- P and V respectively.
- V and P respectively.
- P and P respectively.
- V and V respectively.

and

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Question No : 5 of 52 Marks: 1 (Budgeted Time 1 Min)

A ----------is a region of code where shared resources are accessed.

VuAnswers.com

Answer (Please select your correct option)

- deadlock
- critical region
- process
- thread

ans

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