

100. In Thrashing

1. Process is spending less time on paging than executing
2. Process is spending more time on paging than executing
3. Page Fault Occurs
4. Swapping can not take place

99. The heads of the magnetic disk are attached to a _____ that moves all the heads as a unit.

Answers

1. Disk Arm
2. Spindle
3. Track
4. None of the mentioned

98. _____ contains information to control disk operations.

Answers

1. Boot Block
2. Super Block
3. iNode List Block
4. All of the above

97. Which of the following CPU Scheduling Algorithm/s is/are free from starvation?

Answers

1. SJF
2. Priority
3. Round Robin
4. All of the above

96. In _____ ipc mechanism at a time one process can send message to another process.

Answers

1. message queue
2. pipe
3. socket
4. all of the above

95. In which of the following IO technique/s CPU utilization is maximum?

Answers

1. Program Driven IO
2. Interrupt IO
3. DMA
4. All of the above

94. Memory Compaction involves

Answers

1. Removing of memory
2. No relocation
3. Static Relocation
4. **Dynamic Relocation**

93. Which of the following is not a filesystem of Windows?

Answers

1. FAT
2. NTFS
3. **HFS**
4. None of the above

92. Semaphore is a/an _____ to solve the critical section problem.

Answers

1. Hardware of the system
2. Special Program of the system
3. **Integer Variable**
4. None of the mentioned

91. What is the term for a temporary storage area that compensates for differences in data rate and data flow between devices?

Answers

1. **Buffer**
2. Bus
3. Channel
4. Modem

90. A set of rules that governs data communication

Answers

1. **Protocols**
2. Standards
3. RFCs
4. None of the mentioned

89. What is the full form of SCSI?

Answers

1. Standard Computer Systems Interface
2. **Small Computer Systems Interface**
3. Super Computer Systems Interface
4. Small Computer Standard Interface

88. Arrangement of computer network nodes and connection between them is called

1. Network Topology
2. Network Layout
3. both A and B
4. Network Link

87. Cache Memory is used

1. To reduce speed mismatch between the CPU and Hard Disk Drive
2. To reduce speed mismatch between the CPU and Main memory
3. For execution of a programs
4. For permanent storage

86. Which of the following components is not a part of the Modern CPU's?

1. CPU Registers
2. Cache Memory
3. Main Memory
4. None of the above

85. In Computer, FTP stands for

1. File Transfer Protocol
2. Finding Tele Path
3. Finish Tele Program
4. File Transfer Process

84. A _____ is a device that forwards packets between networks by processing the routing information included in the packet.

1. Bridge
2. Router
3. Firewall
4. All of the mentioned

83. Disk Cache is present _____.

1. Into the Main memory
2. Onto the Motherboard
3. Onto the System Bus
4. Into the External disk drive

82. What is the size of IP Address?

1. 16 bits
2. 32 bits
3. 48 bits
4. 64 bits

81. If a base class is inherited in protected mode then which one of following is true?

1. **Public and Protected members of base class becomes protected members of derived class**

2. Only protected members become protected members of derived class

3. Private, Protected and Public all members of base, become private of derived class

4. Only private members of base, become private of derived class

80. Polymorphism means

1. Only one form

2. Hiding data

3. **Many forms**

4. Concrete forms

79. An abstract base class is, that have _____.

1. **One or more pure virtual member functions**

2. One or more child classes

3. One or more static functions

4. One or more virtual member functions

78. _____ member function can be called without creating any object.

1. const

2. empty

3. **static**

4. virtual

77. Class without name is called as _____.

1. Unknown class

2. **Anonymous class**

3. Empty class

4. Exception class

76. _____ are used in object-oriented languages that set the accessibility of data members and methods.

1. Accessor

2. **Access specifiers**

3. Public

4. Templates

75. _____ is passed as a hidden argument to all nonstatic member function of class.

1. virtual pointer

2. static pointer

3. **this pointer**

4. function pointer

Where we should declare a function as a friend to a class?

1. in the header of the friend function outside the class
2. inside the class declaration to which it is a friend
3. as a separate declaration inside main()
4. anywhere prior to the function invocation

The worst case occur in quick sort when

1. Pivot is the middle most element of an array and this happens when input array is sorted or reverse sorted
2. Pivot is the left most element and this happens when input array is sorted or reverse sorted
3. Pivot is the right most element and This happens when input array is sorted or reverse sorted
4. both B and C

What data structure would you mostly likely see in a non recursive implementation of a recursive algorithm?

1. LinkList
2. Stack
3. Queue
4. Tree

Which type of traversal of binary search tree outputs the value in sorted order?

1. Pre-order
2. Post-order
3. In-order
4. none of above

The no of external nodes in a full binary tree with n internal nodes is?

1. n
2. n+1
3. 2n
4. 2n + 1

Quick sort is also known as

1. merge sort
2. tree sort
3. shell sort
4. partition and exchange sort

A data structure where elements can be added or removed at either end but not in the middle

1. Linked lists
2. Stacks
3. Queues
4. Deque

Complete graph contains _____ no. of edges, if it contains "V" no. of vertices.

1. $(V*(V+1))/2$
2. $(V*(V-1))/2$
3. V
4. (V-1)

What is true about FILE *fp

1. FILE is a keyword in C for representing files and fp is a variable of FILE type
2. FILE is structure and fp is pointer to that structure of FILE type
3. FILE is stream
4. None of the above

PreProcessor replaces EXIT_SUCCESS symbol with -----

1. 0
2. 1
3. -1
4. Any integer value randomly