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| The data in RDBMS is stored in database objects called tables. State True or False. |
| |  |  | | --- | --- | |  | TRUE | |  | FALSE | |

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| Which of the following is TRUE for the System Variable $date$? |
| |  |  | | --- | --- | |  | Can be assigned to a global variable. | |  | Can be assigned to any field only during design time. | |  | Can be assigned to any variable or field during run time. | |  | Can be assigned to a local variable. | |
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| The SELECT statement, that retrieves all the columns from empinfo table name starting with d to pis .......................... |
| |  |  | | --- | --- | |  | SELECT ALL FROM empinfo WHERE ename like '[d-p]%'; | |  | SELECT \* FROM empinfo WHERE ename is '[d-p]%'; | |  | SELECT \* FROM empinfo WHERE ename like '[p-d]%'; | |  | SELECT \* FROM empinfo WHERE ename like '[d-p]%'; | |
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| Which of the following is true for package access modifier? |
| |  |  | | --- | --- | |  | A) The Class which has a Public Modifier can be accessed by all the classes from the particular package and also from different packages. | |  | both A and C | |  | B) The Class which has the default modifier cannot be accessed by all the classes of that particular package. | |  | C) The class which has private as the modifier cannot be accessed by any class even with in the package | |
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| Main idea behind data abstraction is to give clear seperation between the properties of methods and its associated implementation details.State true or false. |
| |  |  | | --- | --- | |  | TRUE | |  | FALSE | |
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| Does c++ support multilevel and multiple inheritance?State true or false. |
| |  |  | | --- | --- | |  | TRUE | |  | FALSE | |

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| Reduced effort towards bug fixing in initial testing phase leads to reduced cost of bug fixing in the later phases of testing.State true or false. |
| |  |  | | --- | --- | |  | TRUE | |  | FALSE | |

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| ----------------------- is an environment which works with graphical objects |
| |  |  | | --- | --- | |  | Graphical User Interface | |  | Command Line Interpreter | |  | Kernel | |  | Shell | |

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| ---------------------- is the unique ID given for each process submitted to the kernel |
| |  |  | | --- | --- | |  | Process ID | |  | Task ID | |  | Program ID | |  | Event ID | |

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| In the thread's life cycle, a thread transitions back to the ------------------------------ state only when the other thread signals the waiting thread to continue executing |
| |  |  | | --- | --- | |  | New | |  | Timed Waiting | |  | Runnable | |  | Waiting | |

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| Which of the below statements are reason for a context switch:  a. The time slice has elapsed  b. A thred with a higher priority has become ready to run  c. A running thread needs to wait |
| |  |  | | --- | --- | |  | Options a and b | |  | Options b and c | |  | Options a and c | |  | Options a, b and c | |

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| The process of copying all the virtual pages between the main memory and secondary storage devide is known as ------------------------- |
| |  |  | | --- | --- | |  | Swapping | |  | Mapping | |  | Pagging | |  | Segmenting | |
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| In UNIX Operating system, files can be deleted using the ------------------------------ command |
| |  |  | | --- | --- | |  | del | |  | rm | |  | rem | |  | dl | |

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| The process of converting the source code to object code is called as -------------- |
| |  |  | | --- | --- | |  | compile | |  | linking | |  | networking | |  | process | |

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| What is the abbreviation for SMTP protocol? |
| |  |  | | --- | --- | |  | Simple Mail Transfer Protocol | |  | Server Mail Transfer Protocol | |  | Simple Mail Transfer Process | |  | Simple Mail Transit Protocol | |
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| The ----------------- tag defines a link between a document and an external resource. |
| |  |  | | --- | --- | |  | <link> | |  | <label> | |  | <a> | |  | <dir> | |

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| In Excel, by default the numeric values appears in ---------------------------- |
| |  |  | | --- | --- | |  | Left aligned | |  | Right aligned | |  | Centre Aligned | |  | Jusitfy Aligned | |

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| The time complexity of quick sort is ------------ |
| |  |  | | --- | --- | |  | O(n) | |  | O(n2) | |  | O(n log n) | |  | O(log n) | |

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| In C program, if you pass an array as an argument to a function, what actually gets passed? |
| |  |  | | --- | --- | |  | Value of elements in array | |  | First element of the array | |  | Base address of the array | |  | Address of the last element of array | |
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| Which of the below string function finds the last occurrence of character c in string?  Ans to dis is d second option |
| |  |  | | --- | --- | |  | strchr(string,c) | |  | strrchr(string,c) | |  | strchr(string c) | |  | strrchr(string c) | |

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| A --------------- is known as double-ended queue, is an ordered collection of items similar to the queue |
| |  |  | | --- | --- | |  | Queue | |  | DeQueue | |  | Stack | |  | Graph | |

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| The process of arranging items class, kind, nature in some ordered sequence is called as ----------------------- |
| |  |  | | --- | --- | |  | Categorizing | |  | Ordering | |  | Grouping | |  | Labeling | |

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| The statement which allows to redirect the flow of the program execution is called as ---------------------- |
| |  |  | | --- | --- | |  | Branching statement | |  | Logical statements | |  | Control statements | |  | Looping statement | |

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| Which of the below options is a decision control structure?  Ans:if stmt |
| |  |  | | --- | --- | |  | if statement | |  | while-loop | |  | do-while loop | |  | for-loop | |
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| Which of the below mentioned operator provides the address of a variable? |
| |  |  | | --- | --- | |  | \* | |  | &  Ans:& | |  | % | |  | \ | |

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| Name the People who are involved with performing audits of all the artifacts which are involved in the life cycle of a software product |
| |  |  | | --- | --- | |  | Software Quality Assurance Group | |  | Customers | |  | Configuration Manager | |  | Change control board member | |
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| The type of analysis which helps us have a clear and precise requirement and allows validation on the software is: |
| |  |  | | --- | --- | |  | Formal analysis | |  | Feasibility study | |  | Requirement specification | |  | Requirement Definition | |
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| Data modeling is associated with which SDLC phase |
| |  |  | | --- | --- | |  | analysis. | |  | design | |  | requirements | |  | maintenance | |

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| Data modeling is associated with which SDLC phase |
| |  |  | | --- | --- | |  | analysis. | |  | design  Ans:analysis | |  | requirements | |  | maintenance | |

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| The process by which the function calls itself is called as ------------------ |
| |  |  | | --- | --- | |  | recursion | | Ans:recursion | function | |  | statements | |  | definition | |