Question Paper Preview

Notations :

1.Options shown in green color and with ✔ icon are correct.

2.Options shown in red color and with ✖ icon are incorrect.

Question Paper Name :	MScComputerScience 11th Aug 2022 Shift 2
Subject Name :	M.Sc. Computer Science
Creation Date :	2022-08-11 19:31:13
Duration :	90
Total Marks :	100
Display Marks:	No
Calculator :	None
Magnifying Glass Required? :	No
Ruler Required? :	No
Eraser Required? :	No
Scratch Pad Required? :	No
Rough Sketch/Notepad Required? :	No
Protractor Required? :	No
Show Watermark on Console? :	Yes
Highlighter :	No
Auto Save on Console?	Yes
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

M.Sc. Computer Science

Group Number :	1
Group Id :	90320117
Group Maximum Duration :	0
Group Minimum Duration :	90
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100
Is this Group for Examiner? :	No
Examiner permission :	Cant View
Show Progress Bar? :	No

PART A

Section Id :	90320133
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	100
Enable Mark as Answered Mark for Review and Clear Response :	Yes
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	90320135
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 9032012202 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

High speed memory is:

Options :

1. ✖ Auxiliary memory

2. ✖ Cache

3. ✔ Registers

4. ✖ Main memory

Question Number : 2 Question Id : 9032012203 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

How many times the program will print “SUCCESS”

```
# include<stdio.h>
int main()
{
        Printf(“SUCCESS”);
        Main();
        Return 0;
    }
```

Options :

1. ✖ Infinite times

2. ✖ 32767 times

3. ✖ 65535 times

4. ✔ Till stack overflows

Question Number : 3 Question Id : 9032012204 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In C, if we pass an array as an argument to a function, what actually gets passed ?

Options :

1. ✖ Value of elements in array

2. ✖ First element of the array

3. ✔ Base address of the array

4. ✖ Address of the last element of an array

Question Number : 4 Question Id : 9032012205 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

What are the types of linkages

Options :

1. ✖ Internal and External

2. ✔ External, Internal and None

3. ✖ External and None

4. ✖ Internal

Question Number : 5 Question Id : 9032012206 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Identify which of the following are declarations

1. extern int x;
2. float square (float x){……}
3. double pow(double, double);

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 1 & 3

4. ✖ 3

Question Number : 6 Question Id : 9032012207 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The region of memory which stores context-specific information before a function call is:

Options :

1. ✖ BSS

2. ✔ Stack

3. ✖ Heap

4. ✖ Shared libraries

Question Number : 7 Question Id : 9032012208 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The feasible arithmetic operation on pointers is:

Options :

1. ✖ Addition of pointers

2. ✔ Addition of integer to a pointer

3. ✖ Multiplying a pointer with a number

4. ✖ Dividing a pointer with a number

Question Number : 8 Question Id : 9032012209 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The equivalent pointer expression for referring the array element a [i] [j] [k] [l]

Options :

1. ✖ ((((a+i)+j+k)+l)

2. ✔ *(*(*(*(a+i)+j)+k)+l)

3. ✖ (((a+i)+j)+k+l)

4. ✖ ((a+i)+j+k+l)

Question Number : 9 Question Id : 9032012210 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The process of compiling and linking is referred as:

Options :

1. ✖ Loading

2. ✖ Integrating

3. ✔ Building

4. ✖ Translating

Question Number : 10 Question Id : 9032012211 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The information about an array used in a program will be stored in

Options :

1. ✖ Static table

2. ✖ Dynamic table

3. ✔ Dope vector

4. ✖ Activate Record

Question Number : 11 Question Id : 9032012212 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The function used to resize the memory block is

Options :

1. ✔ ralloc

2. ✖ dealloc

3. ✖ Palloc

4. ✖ kalloc

Question Number : 12 Question Id : 9032012213 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

What is the initial value of register storage class specifier

Options :

1. ✖ 0

2. ✖ Null

3. ✔ Garbage

4. ✖ Infinite

Question Number : 13 Question Id : 9032012214 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A float occupies 4 bytes. If the hexadecimal equivalent of these 4 bytes are A, B, C, D. When this float is stored in memory in which of the following order do these bytes gets stored?

Options :

1. ✖ ABCD

2. ✖ DCBA

3. ✖ 0xABCD

4. ✔ Depends on big endian or little endian architecture

Question Number : 14 Question Id : 9032012215 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

What is the correct syntax to declare a function foo() which receives an array of structure in function?

Options :

1. ✔ Void foo (struct *var)

2. ✖ Void foo (struct *var[]);

3. ✖ Void foo (struct var);

4. ✖ Void foo (struct var[]*;

Question Number : 15 Question Id : 9032012216 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

What is the output of the following code:

```
Void main()
{
        int I;
        for(i=65,i<70,i++)
        printf("%c",i);
}
```

Options :

1. ✖ 65,66,67,68,69,70

2. ✖ a,b,c,d,e

3. ✔ A,B,C,D,E

4. ✖ e,d,c,b,a

Question Number : 16 Question Id : 9032012217 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

From the following variables which is not valid C++ variable name

Options :

1. ✔ 3dGraph

2. ✖ _employee_num

3. ✖ June1997

4. ✖ dayOfWeek

Question Number : 17 Question Id : 9032012218 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Find out the output of following program

```
#include <iostream>
using namespace std;
int main()
{
int x = 0, y = 10;
cout << "x is " << x << " and y is " << y << endl;
if (x > y); // Error! Misplaced semicolon
cout << "x is greater than y\n"; //This is always executed.
return 0;
}
```

Options :

1. ✖ X is 10 y is 0 x is greater than y

2. ✖ X is 0 y is 0 x is greater than y

3. ✖ X is 1 y is 0 x is greater than y

4. ✔ X is 0 y is 10 x is greater than y

Question Number : 18 Question Id : 9032012219 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Find out the output of following program

```
#include <iostream>
using namespace std;
int main()
{
double a = 1.5; // a is 1.5.
double b = 1.5; // b is 1.5.
a += 0. 0000000000000001; // Add a little to a.
if (a == b)
cout << "Both a and b are the same.\n";
else
cout << "a and b are not the same.\n";
return 0;
}
```

Options :

1. ✖ a and b are not the same

2. ✖ Error in the program

3. ✔ Both a and b are the same

4. ✖ No output

Question Number : 19 Question Id : 9032012220 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Find out the output of following program

```
a = 2;
b = 5;
c = a * b++;
cout << a << " " << b << " " << c;
```

Options :

1. ✖ 2 10 6

2. ✔ 2 6 10

3. ✖ 6 2 10

4. ✖ 10 2 6

Question Number : 20 Question Id : 9032012221 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The read operation that takes place just before the loop is called

Options :

1. ✖ Before read

2. ✔ Priming read

3. ✖ After read

4. ✖ Both before and after read

Question Number : 21 Question Id : 9032012222 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A sentinel is a special value that marks the _____ of a list of values

Options :

1. ✖ Beginning

2. ✔ end

3. ✖ Middle

4. ✖ Both beginning and end

Question Number : 22 Question Id : 9032012223 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The function call should appear as

Options :

1. ✖ displayValue(int x);

2. ✔ displayValue(x);

3. ✖ displayValue(x int);

4. ✖ displayValue(intx);

Question Number : 23 Question Id : 9032012224 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The output of following program

```
int sum(int, int);
int main()
{
int value1 = 20,          // The first value
value2 = 40,              // The second value
total;                    // To hold the total
total = sum(value1, value2);
cout << "The sum of " << value1 << " and "  << value2 << " is " << total <<
endl;
return 0;
 }
int sum(int num1, int num2)
{ return num1 + num2;  }
```

Options :

1. ✖ The sum of 20 and 40 is 0

2. ✔ The sum of 20 and 40 is 60

3. ✖ Errors in program

4. ✖ Function prototyping is missing

Question Number : 24 Question Id : 9032012225 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The function header of a constructor's external definition takes the following form:

Options :

1. ✖ ClassName : ClassName (ParameterList)

2. ✖ ClassName :: ClassName (ParameterList Data type)

3. ✔ ClassName :: Classname (ParameterList)

4. ✖ ClassName :: ClassName (ParameterList1,parameterList2)

Question Number : 25 Question Id : 9032012226 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Redefining happens when

Options :

1. ✖ a derived class has a function with the different name as a base class function.

2. ✔ a derived class has a function with the same name as a base class function.

3. ✖ a derived class has a function with the same name as a derived class function.

4. ✖ a derived class has a function with the different name as a derived class function

Question Number : 26 Question Id : 9032012227 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Aggregation occurs when a class contains an instance of

Options :

1. ✖ same class

2. ✔ another class

3. ✖ derived class

4. ✖ base class

Question Number : 27 Question Id : 9032012228 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

If the base class access specification is left out of a declaration, the default access specification is

Options :

1. ✖ public

2. ✔ private

3. ✖ protected

4. ✖ public protected

Question Number : 28 Question Id : 9032012229 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

In C++, the difference between overriding and redefining base class functions is that

Options :

1. ✖ overridden functions and redefined functions are dynamically bound

2. ✖ overridden functions are statistically bound, and redefined functions are dynamically bound

3. ✔ overridden functions are dynamically bound, and redefined functions are statically bound

4. ✖ overridden functions and redefined functions are statically bound

Question Number : 29 Question Id : 9032012230 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Pure virtual functions have

Options :

1. ✖ no body, have definition, in the base class

2. ✔ no body, or definition, in the base class

3. ✖ no body, no definition, in the base class

4. ✖ no body, or definition, in the derived class

Question Number : 30 Question Id : 9032012231 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

An actual instance of the function is created in memory

Options :

1. ✖ when the compiler encounters declaration of template function.

2. ✖ when the compiler encounters parameters in the template function.

3. ✖ when the compiler encounters a call to the main function.

4. ✔ when the compiler encounters a call to the template function.

Question Number : 31 Question Id : 9032012232 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

when we want to open an existing file and read data from it, which file stream is used ?

Options :

1. ✖ fstream

2. ✖ ofstream

3. ✔ ifstream

4. ✖ stream

Question Number : 32 Question Id : 9032012233 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The data types that are defined in the STL are commonly called

Options :

1. ✖ arrays

2. ✖ vectors

3. ✔ containers

4. ✖ templates

Question Number : 33 Question Id : 9032012234 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

When inline functions declared

Options :

1. ✔ When the body of a member function is written inside a class declaration

2. ✖ When a member function is written inside a class declaration

3. ✖ When the body of a member function is written outside a class declaration,

4. ✖ When a member function is written outside a class declaration,

Question Number : 34 Question Id : 9032012235 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A basic algorithm that arranges data according to their values is known as

Options :

1. ✖ inquiry

2. ✔ sorting

3. ✖ searching

4. ✖ recursion

Question Number : 35 Question Id : 9032012236 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Stack A has the entries p, q, r (with p on top). Stack B is empty. An entry popped out of Stack A can be printed immediately or pushed to Stack B. An entry popped out of Stack B can only be printed. In this agreement, which of the following permutations of p, q, and r is not possible?

Options :

1. ✖ qpr

2. ✖ qrp

3. ✔ rpq

4. ✖ pqr

Question Number : 36 Question Id : 9032012237 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The data structure that is most useful in implementation of Recursion is:

Options :

1. ✖ Queue

2. ✖ Tree

3. ✔ Stack

4. ✖ Array

Question Number : 37 Question Id : 9032012238 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

n elements of a queue are to be reversed using - only another temporary queue.
The number of add and remove operations required to do so is

Options :

1. ✖ 2 n

2. ✖ 4 n

3. ✖ n

4. ✔ The task cannot be accomplished

Question Number : 38 Question Id : 9032012239 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following operations is performed more efficiently by a doubly linked list than by a linear linked list?

Options :

1. ✔ Deleting nodes whose location is given

2. ✖ Searching an unsorted list for a given item

3. ✖ Inserting a node after the node with a given location

4. ✖ Traversing the list to process each node

Question Number : 39 Question Id : 9032012240 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A header-linked list where the last node points to the header node is called

Options :

1. ✖ grounded header list

2. ✔ circular header list

3. ✖ general header list

4. ✖ doubly linked header list

Question Number : 40 Question Id : 9032012241 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following traversal techniques lists the nodes of a BST in ascending order?

Options :

1. ✖ Postorder

2. ✔ Inorder

3. ✖ Preorder

4. ✖ Multilevel order

Question Number : 41 Question Id : 9032012242 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Consider a simple connected graph G with n vertices and n edges (n > 2). Then, which of the following statements is true?

Options :

1. ✔ G has no cycles

2. ✖ The graph obtained by removing any edge from G is not connected

3. ✖ G has at least one cycle

4. ✖ The graph obtained by removing any two edges from G is not connected

Question Number : 42 Question Id : 9032012243 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Kruskal's Algorithm works towards finding:

Options :

1. ✖ Biconnected components

2. ✖ Adjacency list

3. ✔ Minimum spanning tree

4. ✖ Shortest path between two vertices

Question Number : 43 Question Id : 9032012244 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

You want to check whether a given set of items is sorted or not. Which of the following sorting methods will be the most efficient if it is already in sorted order?

Options :

1. ✖ Bubble sort

2. ✖ Selection sort

3. ✔ Insertion sort

4. ✖ Merge sort

Question Number : 44 Question Id : 9032012245 Question Type : MCQ Option Shuffling : Yes Is

Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

As part of maintenance work, you are entrusted with the work of rearranging the library books in a shelf in proper order at the end of each day. The ideal choice will be

Options :

1. ✖ Bubble sort

2. ✔ Insertion sort

3. ✖ election sort

4. ✖ Heap sort

Question Number : 45 Question Id : 9032012246 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

What will be the time complexity for inserting a node into an AVL tree?

Options :

1. ✖ O(n)

2. ✔ O(logn)

3. ✖ n

4. ✖ n2

Question Number : 46 Question Id : 9032012247 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

What is the time complexity of an Optimal Binary Search Tree ?

Options :

1. ✔ O(n3)

2. ✖ O(nlogn)

3. ✖ O(logn)

4. ✖ O(n2)

Question Number : 47 Question Id : 9032012248 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

For fast searching and less disk access _____ hashing, which treats a hash as a bit string, and uses a trie for bucket lookup is used. That hashing mechanism is:

Options :

1. ✖ Multilevel hashing

2. ✖ Non colliding hashing

3. ✖ Biconnected hashing

4. ✔ Extensible hashing

Question Number : 48 Question Id : 9032012249 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of these is NOT a basic Operation on Heaps:

Options :

1. ✖ Create

2. ✖ ReheapUP

3. ✖ ReheapDown

4. ✔ ReInsert

Question Number : 49 Question Id : 9032012250 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following is not Internal Sorting Approach ?

Options :

1. ✖ Insertion sort

2. ✖ Bubble Sort

3. ✔ Merge Sort

4. ✖ Heap Sort

Question Number : 50 Question Id : 9032012251 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

When Does the Top value of the Stack Change ?

Options :

1. ✖ Before Deletion

2. ✔ After Deletion

3. ✖ At the time of Deletion

4. ✖ While checking Underflow

Question Number : 51 Question Id : 9032012252 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Database systems are preferred over storing data in file systems mainly because Database systems :

Options :

1. ✖ Maintains Unique access names

2. ✔ Data stored overcomes the challenge of redundancy and inconsistency

3. ✖ Many users can manipulate the data at same instant in-time

4. ✖ In DBMS, data can be added sequentially

Question Number : 52 Question Id : 9032012253 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The level of abstraction that describes What data are stored in the database and what relationships exist among that data is given by :

Options :

1. ✖ Super user level

2. ✖ View Level

3. ✖ Physical level

4. ✔ Logical level

Question Number : 53 Question Id : 9032012254 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

If database is structured in Fixed – Format Records of several types, the data model that most likely being followed by that data is :

Options :

1. ✖ Entity relationship model

2. ✖ Semi Structured data model

3. ✖ Object based data model

4. ✔ Relational model

Question Number : 54 Question Id : 9032012255 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A Special table that the Database System consults before reading or modifying actual data is called as _____.

Options :

1. ✖ Hyper table

2. ✖ Star table

3. ✖ Data basket

4. ✔ Data Dictionary

Question Number : 55 Question Id : 9032012256 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The process that is used to generate a set of relational schemas that help to store information without redundancy yet allow easy retrieval is called as _____ .

Options :

1. ✖ Specification

2. ✖ Manipulation

3. ✔ Normalization

4. ✖ Rationalization

Question Number : 56 Question Id : 9032012257 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

If we need to store data about a user, but we need to store different set of attributes for same data type, what type of data model do we need ?

Options :

1. ✔ Object relational model

2. ✖ Semistructured data model

3. ✖ Web model

4. ✖ Network model

Question Number : 57 Question Id : 9032012258 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The logical design of the database is called as _____ and its snapshot at a particular instance is called as _____.

Options :

1. ✖ Database Store , database picture

2. ✖ Database Dataset, Database map

3. ✔ Database Schema, Database instance

4. ✖ Database instance, Database Schema

Question Number : 58 Question Id : 9032012259 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

If there are entity sets that have several attributes that are conceptually the same across two entity sets, this commonality can be expressed using _____ ?

Options :

1. ✖ Specialization

2. ✔ Generalization

3. ✖ Normalization

4. ✖ Designation

Question Number : 59 Question Id : 9032012260 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following is a tuple generated dependency:

Options :

1. ✖ Functional dependency

2. ✖ Equality Generated dependency

3. ✔ Multivalued Dependency

4. ✖ Non-functional dependency

Question Number : 60 Question Id : 9032012261 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following is true concerning a " procedure " ?

Options :

1. ✖ You do not create them with SQL

2. ✖ They do not need to have a unique name

3. ✔ They include procedural and SQL statements

4. ✖ They are the same thing as a data dictionary

Question Number : 61 Question Id : 9032012262 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The following SQL is which type of join:

```
SELECT
CUSTOMER_T.CUSTOMER_ID, ORDER_T.CUSTOMER_ID, NAME, ORDER_ID
FROM CUSTOMER_T, ORDER _T
WHERE CUSTOMER_T.CUSTOMER_ID=ORDER_T.CUSTOMER_ID
```

Options :

1. ✔ Equi-join

2. ✖ Natural join

3. ✖ Outer join

4. ✖ Cartesian join

Question Number : 62 Question Id : 9032012263 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Embedded SQL is which of the following

Options :

1. ✔ Hard-coded SQL statements in a program language such as Java

2. ✖ The process of making an application capable of generating specific SQL code on the fly

3. ✖ Hard-coded SQL statements in a procedure

4. ✖ Hard-coded SQL statements in a trigger

Question Number : 63 Question Id : 9032012264 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A UNION query is which of the following

Options :

1. ✖ Combines the output from no more than two queries and must include the same number of columns

2. ✖ Combines the output from no more than two queries and does not include the same number of columns

3. ✔ Combines the output from multiple queries and must include the same number of columns

4. ✖ Combines the output from multiple queries and does not include the same number of columns

Question Number : 64 Question Id : 9032012265 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum

Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A Which join is equivalent to Cartesian Product?

Options :

1. ✖ Inner Join

2. ✖ Outer Join

3. ✔ Cross Join

4. ✖ Natural Join

Question Number : 65 Question Id : 9032012266 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following is true concerning triggers

Options :

1. ✖ You do not create them with SQL

2. ✖ They execute against only some applications that access a database

3. ✔ They have an event, condition, and action

4. ✖ They cannot cascade

Question Number : 66 Question Id : 9032012267 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The “all-or-none”property is commonly referred as -

Options :

1. ✖ Isolation

2. ✖ Durability

3. ✔ Atomicity

4. ✖ Consistency

Question Number : 67 Question Id : 9032012268 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following systems is responsible for ensuring isolation

Options :

1. ✖ Recovery system

2. ✖ Atomic system

3. ✔ Concurrency control system

4. ✖ Compiler system

Question Number : 68 Question Id : 9032012269 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Each modification done in database transaction are first recorded into the

Options :

1. ✖ Hard drive

2. ✔ Log

3. ✖ Disk

4. ✖ Datamart

Question Number : 69 Question Id : 9032012270 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

A transaction can do only read operation and not write operation on a data item when it acquires __lock

Options :

1. ✖ Read mode

2. ✖ exclusive mode

3. ✔ shared mode

4. ✖ write mode

Question Number : 70 Question Id : 9032012271 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The scheme that controls the interaction between executing transactions is called as

Options :

1. ✔ Concurrency control scheme

2. ✖ Multiprogramming scheme

3. ✖ Serialization scheme

4. ✖ Schedule scheme

Question Number : 71 Question Id : 9032012272 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following will declare an array and initialize it with five numbers

Options :

1. ✖ Array a=new array(5);

2. ✔ Int [] a= {23,22,21,20,19};

3. ✖ Int a[]= new int[5];

4. ✖ Int [5] array;

Question Number : 72 Question Id : 9032012273 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which two are valid constructors for thread

1. Thread(Runnable r, String name)
2. Thread()
3. Thread(int priority)
4. Thread(Runnable r, ThreadGroup g)
5. Thread(Runnable r, int priority)

Options :

1. ✖ 1 & 3

2. ✖ 2 & 4

3. ✔ 1 & 2

4. ✖ 2 & 5

Question Number : 73 Question Id : 9032012274 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Assume the following method is properly synchronized and called from a thread A on an object B:

```
Wait(2000);
```

After calling this method, when will the thread A become a candidate to get another turn at the CPU?

Options :

1. ✔ After thread A is notified , or after two seconds

2. ✖ After the lock on B is released, or after two seconds

3. ✖ Two seconds after thread A is notified

4. ✖ Two seconds after lock B is released

Question Number : 74 Question Id : 9032012275 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which class or interface defines the wait(), notify(), and notifyAll() methods?

Options :

1. ✔ Object

2. ✖ Thread

3. ✖ Runnable

4. ✖ Class

Question Number : 75 Question Id : 9032012276 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

```
Public class MyRunnable implements Runnable
{
        Public void Run()
        {
                //code
        }

}
```

Which of the following will create and start this thread?

Options :

1. ✖ new Runnable(MyRunnable).start();

2. ✖ new Thread(MyRunnable).run();

3. ✔ new Thread(new MyRunnable()).start();

4. ✖ new MyRunnable().start();

Question Number : 76 Question Id : 9032012277 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which constructs an anonymous inner class instance?

Options :

1. ✖ Runnable r= new Runnable() {};

2. ✖ Runnable r= new Runnable(public void run() {});

3. ✖ Runnable r= new Runnable{public void run(){}};

4. ✔ System.out.println(new Runnable() {public void run() {}});

Question Number : 77 Question Id : 9032012278 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

What is the most restrictive access modifier that will allow members of one class to have access to members of another class in the same package

Options :

1. ✖ Abstract

2. ✖ synchronized

3. ✖ public

4. ✔ default access

Question Number : 78 Question Id : 9032012279 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

What allows the programmer to destroy an object x?

Options :

1. ✖ X.delete()

2. ✖ X.finalize()

3. ✖ Runtime.getRuntime().gc()

4. ✔ Only the garbage collection system can destroy an object

Question Number : 79 Question Id : 9032012280 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

You need to store elements in a collection that guarantees that no duplicates are stored and all elements can be accessed in natural order. Which interface provides such capability

Options :

1. ✖ Java.util.Map

2. ✔ Java.util.Set

3. ✖ Java.util.List

4. ✖ Java.util.Collection

Question Number : 80 Question Id : 9032012281 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which statement is true?

Options :

1. ✔ The notifyAll() method must be called from a synchronized context

2. ✖ To call wait(), an object must own the lock on the thread

3. ✖ The notify() method is defined in class java.lang.Thread

4. ✖ The notify() method causes a thread to immediately release its lock

Question Number : 81 Question Id : 9032012282 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

```
Class A
{
Protected int method1(int a, int b)
{
Return 0;
}
}
```

Which is valid in a class that extends class A?

Options :

1. ✔ Public int method1 (int a, int b) {return 0;}

2. ✖ Private int method1 (int a, int b) {return 0;}

3. ✖ Public short method1 (int a, int b) {return 0;}

4. ✖ Static protected int method 1(int a,int b) {return 0;}

Question Number : 82 Question Id : 9032012283 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following method is used to know which key is pressed?

Options :

1. ✖ getActionEvent()

2. ✖ getActionKey()

3. ✔ getModifier()

4. ✖ getKey()

Question Number : 83 Question Id : 9032012284 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which type of inheritance is not supported by Java

Options :

1. ✖ Single

2. ✔ Multiple

3. ✖ Multilevel

4. ✖ Hierarchical

Question Number : 84 Question Id : 9032012285 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which method of java is invoked by JVM to reclaim the inaccessible memory location

Options :

1. ✖ Reclaim() method

2. ✖ Final() method

3. ✔ Finalize() method

4. ✖ Both b & c

Question Number : 85 Question Id : 9032012286 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

What will be the output of the following JAVA Program

```
Class shift
{
        Public static void main( string args[])
        {
                byte x = 64;
                int  i ;
                byte y;
                y=(byte)(x<<2);
                System.out.print(i  + “  “+ y);
        }
}
```

Options :

1. ✖ 0 256

2. ✖ 0 64

3. ✔ 256 0

4. ✖ 64 0

Question Number : 86 Question Id : 9032012287 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

 if x < 10 then increment x by 1

Options :

1. ✖ No syntax error

2. ✔ may cause error

3. ✖ output 0

4. ✖ no output

Question Number : 87 Question Id : 9032012288 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of these, enables users to find a section, without scrolling through the entire document ?

Options :

1. ✖ click on tag

2. ✖ click on lables

3. ✔ click on internal linking

4. ✖ click on external linking

Question Number : 88 Question Id : 9032012289 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Cascading Style Sheets (CSS) that allows document authors to specify the

Options :

1. ✖ content and structure of a document

2. ✔ Formatting and presenting document

3. ✖ Only formatting document

4. ✖ Only presenting document

Question Number : 89 Question Id : 9032012290 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

To achieve this separation between the CSS code and the XHTML that it styles, we will use

Options :

1. ✖ Cascading Style Sheets

2. ✖ Cascading Embedded Sheets

3. ✔ CSS selectors

4. ✖ XHTML

Question Number : 90 Question Id : 9032012291 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

inline scripting, in which JavaScript code is written in the

Options :

1. ✖ <head> of an XHTML document

2. ✔ <body> of an XHTML document

3. ✖ <body> of an XML document

4. ✖ <head> of an XML document

Question Number : 91 Question Id : 9032012292 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

JavaScript automatically converts between values of different types ,so it is called as

Options :

1. ✔ Loosely Typed Language

2. ✖ High level Typed Language

3. ✖ Tightly Typed Language

4. ✖ Low level Typed Language

Question Number : 92 Question Id : 9032012293 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Media types allow a programmer to decide

Options :

1. ✖ how a document should be presented on any one of these media without affecting the others.

2. ✖ how a page should be presented on any one of these media with affecting the others.

3. ✖ how a document should be presented on any one of these media with affecting the others.

4. ✔ how a page should be presented on any one of these media without affecting the others.

Question Number : 93 Question Id : 9032012294 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Difference between Recursion and Iteration is

Options :

1. ✖ Recursion explicitly uses a repetition statement; Iteration achieves repetition through repeated function calls.

2. ✖ Iteration implicitly uses a repetition statement; recursion achieves repetition through repeated function calls.

3. ✔ Iteration explicitly uses a repetition statement; recursion achieves repetition through repeated function calls.

4. ✖ Recursion explicitly uses a repetition statement; Iteration achieves repetition through repeated function calls.

Question Number : 94 Question Id : 9032012295 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

JavaScript events, are those which enable

Options :

1. ✖ XHTML programs to process user interactions with a web page.

2. ✔ JavaScript programs to process user interactions with a web page.

3. ✖ JavaScript programs to format user interactions with a web page.

4. ✖ JavaScript programs to present user interactions with a web page.

Question Number : 95 Question Id : 9032012296 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

An XML document is not required to reference a DTD, but _____

Options :

1. ✖ validating XML parsers cannot use a DTD to ensure that the document has the proper structure

2. ✔ validating XML parsers can use a DTD to ensure that the document has the proper structure

3. ✖ validating XML parsers cannot use a DTD to ensure that the document has the improper structure

4. ✖ validating XML parsers can use a DTD to ensure that the document has no proper structure

Question Number : 96 Question Id : 9032012297 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

<xsl:copy> represents

Options :

1. ✔ Adds the current node to the output tree.

2. ✖ Applies a template to every node selected by the XPath specified by the copy attribute

3. ✖ Applies a template to every node selected by the XPath specified by the select attribute

4. ✖ Copies the current node to the input tree

Question Number : 97 Question Id : 9032012298 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

"Raw" Ajax is best suited for

Options :

1. ✖ creating small Ajax components that synchronously update a section of the page

2. ✖ creating large Ajax components that synchronously update a section of the page

3. ✔ creating small Ajax components that asynchronously update a section of the page

4. ✖ creating small Ajax components that asynchronously update a page

Question Number : 98 Question Id : 9032012299 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Ajax-enabled forms are more interactive because

Options :

1. ✔ Rather than sending the entire form to be validated, entries are validated dynamically

2. ✖ sending the entire form to be validated, entries are validated dynamically

3. ✖ Rather than sending the entire form to be validated, entries are validated dynamically and statistically

4. ✖ sending the entire form to be validated, entries are validated statistically

Question Number : 99 Question Id : 9032012300 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

The Dojo toolkit provides functionality that enables you

Options :

1. ✖ To manipulate the DTD in a cross-browser manner

2. ✖ To manipulate the DOM in a different manner

3. ✖ To manipulate the DTD in a different manner

4. ✔ To manipulate the DOM in a cross-browser manner

Question Number : 100 Question Id : 9032012301 Question Type : MCQ Option Shuffling : Yes Is Question Mandatory : No Calculator : None Response Time : N.A Think Time : N.A Minimum Instruction Time : 0

Correct Marks : 1 Wrong Marks : 0

Which of the following statements is FALSE :

Options :

1. ✖ Xlink: actuate – Defines when the linked resource is read and shown

2. ✖ Xlink: href – Specifies the URL to link to.

3. ✔ Xlink: show – Specifies a time for the display

4. ✖ Xlink : type – Specifies the type of link