Introduction to C++

This Test will cover the basic concepts of C++, including datatype, loop, if-else condition, switch statement etc.

Q.In Object Oriented programming, abstraction refers to ?

A. showing only the essential features of the application and hiding the details.

B. data binding.

C. reuse once written code again and again

D. features which allows to create functions with same name

Correct Answer : OPTION A

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Q. Size hierarchy for floating point numbers is : `float < double < long float` ?

A. true

B. false

Correct Answer : OPTION B, false

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Q. _____ is also an operator that is used to get information about the amount of memory allocated for data types and Objects

A. typedef

B. ternary

C. sizeOf

D. shift

Correct Answer : OPTION C, sizeof

Q. typedef is a keyword used in C language to assign alternative names to existing types ?

A. true

B. false

Correct Answer : OPTION A, true

Q. What will be the output of following code ?

```cpp
#include <iostream>
using namespace std;

int main()
{
  int i=10;
  if(i=20)
  cout << i ;
  return 0;
}
```

A. 10

B. 20

C. 0

D. error

Correct Answer : OPTION B, 20

Q. What will be the output of following code ?

```cpp
#include <iostream>
using namespace std;

void fun()
{
  static int i = 10;
  i++;
  cout << i;
}

int main()
{
  fun();
  fun();
  fun();
  return 0;
}
```

A. 101112

B. 111111

C. 111213

D. error

Correct Answer : OPTION C, 11 12 13

Q. You can never use or compute address of _____ variable ?

A. local

B. static

C. global

D. register

Correct Answer : OPTION D, register

Q. What will be the output of following code ?

```
#include <iostream>
using namespace std;

void calc(int x);

int main()
{
  int x = 10;
  calc(x);
  printf("%d", x);
  return 0;
}

void calc(int x)
{
  x = x + 10 ;
}
```

A. 20

B. 10

C. 0

D. error

Correct Answer : OPTION B, 10

Q. Default storage class for local variables is ?

A. auto

B. register

C. static

D. extern

Correct Answer : OPTION A, auto

- -

Q. _____ is defined as user defined data type and it also contains functions in it ?

    A. Object

    B. Data members

    C. Class

    D. Polymorphism

    Correct Answer : OPTION C, class

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