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100 MCQ on C++ Programming

Page 1 (1 - 50)

« 1 [2](#) »

Question: 1

Is there any difference in below two statements?

```
int a = 10;
```

- (A) Yes
- (B) No

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Level: BeginnerCategory: datatype
[Posted by: Admin | Chicago, USA]

Question: 2

Can we create object of Abstract class?

- (A) Yes
- (B) No

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Level: PractitionerCategory: abstract_class
[Posted by: Admin | Chicago, USA]

Question: 3

How to stop Name Mangling in C++?

- (A) It is not possible
- (B) It is possible only with C code
- (C) By using extern "C" keyword
- (D) By Converting C++ code to C

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Level: PractitionerCategory: function
[Posted by: Admin | Chicago, USA]

Question: 4

Is it good idea to return an address or

- (A) Yes
(B) No

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Level: BeginnerCategory: function
[Posted by: Admin | Chicago, USA]

Question: 5

Is const better than
#define?

- (A) Yes
(B) No

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Level: BeginnerCategory: datatype
[Posted by: Admin | Chicago, USA]

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Question: 6

Which of the
following is Memory

- (A) GC++
(B) KDevelop
(C) GIT
(D) Valgrind

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Level: ExpertCategory: new_delete
[Posted by: Admin | Chicago, USA]

Question: 7

Exceptions are Caught
at ?

- (A) Compilation Time
(B) Run Time
(C) Linking Time
(D) No

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Level: ExpertCategory: loops
[Posted by: Admin | Chicago, USA]

Question: 8

Can we create array
of reference?

- (A) Yes
(B) No

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Level: PractitionerCategory: other
[Posted by: Admin | Chicago, USA]

Question: 9

When can we have two classes with same

- (A) We cant have
- (B) In different work space
- (C) Can have but in different file
- (D) We can have in any scenario

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Level: PractitionerCategory: datatype
[Posted by: Admin | Chicago, USA]

Question: 10

Can we create our own workspace?

- (A) Yes
- (B) No

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Level: PractitionerCategory: datatype
[Posted by: Admin | Chicago, USA]

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Question: 11

Can we assign null to void pointer?

- (A) No
- (B) Yes

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Level: ExpertCategory: datatype
[Posted by: Admin | Chicago, USA]

Question: 12

Can a class contain another class in it ?

- (A) Yes
- (B) No

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Level: PractitionerCategory: datatype
[Posted by: Admin | Chicago, USA]

Question: 13

What is the size of empty class?

- (A) 0
- (B) 1
- (C) 2
- (D) 4

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Level: PractitionerCategory: datatype

[Posted by: Admin | Chicago, USA]

Question: 14

What is abstract class?

- (A) A class with abstract keyword
- (B) A class with no functions in it
- (C) A class with atleast one pure virtual function
- (D) Empty Class

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Level: PractitionerCategory: polymorphism

[Posted by: Admin | Chicago, USA]

Question: 15

How many object can be created of a Class

- (A) 1
- (B) 5
- (C) There is no limit
- (D) 256

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Level: BeginnerCategory: datatype

[Posted by: Admin | Chicago, USA]

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Question: 16

When Virtual Table is created?

- (A) Every Class has VTable
- (B) Class inherited from other Class
- (C) When a Class Overrides the function of Base class
- (D) Class has atleast one Virtual Function

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Level: ExpertCategory: vtable

[Posted by: Admin | Chicago, USA]

Question: 17

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

int main()
{
    cout<<-1-1-1;

    return 0;
}
```

- (A) Compilation Error
- (B) 0
- (C) 3
- (D) -3

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Level: BeginnerCategory: other

[Posted by: Admin | Chicago, USA]

Question: 18

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

class X
{
public: X()
    { cout<<"X";
  }
    ~X()
    { cout<<"~X";
  }
};

class Y : public X
{
public: Y()
    { cout<<"Y";
  }
    ~Y()
    { cout<<"~Y";
  }
};

int main()
{
```

- (A) XY~X~Y
(B) XY~Y~X
(C) X~XY~Y
(D) X~X~YY

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Level: ExpertCategory: inheritance

[Posted by: Admin | Chicago, USA]

Question: 19

```
class Mycpp
{
};

int main()
{
    Mycpp obj;
    return 0;
}
```

- (A) Compilation Error - Constructor Missing
(B) Nothing would be printed
(C) Undefined
(D) In constructor

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Level: BeginnerCategory: classesAndobjects

[Posted by: Admin | Chicago, USA]

Question: 20

```
class Mycpp
{
    int Mycpp()
    {
    cout<<"Constructor";
    return 0;
    }
};

int main()
{
    Mycpp obj;
    return 0;
}
```

- (A) Constructor
(B) 0
(C) Compilation Error
(D) Runtime Error

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Level: BeginnerCategory: classesAndobjects

[Posted by: Admin | Chicago, USA]

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Question: 21

C++ is superset of which language?

- (A) BASIC
- (B) VB
- (C) PASCAL
- (D) C

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Level: BeginnerCategory: other

[Posted by: Admin | Chicago, USA]

Question: 22

What is size of void in C++?

- (A) 2 Bytes
- (B) 4 Bytes
- (C) Undefined
- (D) 0

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Level: ExpertCategory: loops

[Posted by: Admin | Chicago, USA]

Question: 23

What should be the output of below program?

```
int main()
{
    int a = 1;
    switch(a)
    {
        case 1:
            cout<<"One";
        case 2:
            cout<<"Two";
        case 3:
            cout<<"Three";
        default:
```

- (A) One
- (B) Compilation Error
- (C) Default
- (D) OneTwoThree

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Ans: D

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Level: PractitionerCategory: conditional

[Posted by: Admin | Chicago, USA]

Question: 24

```
What should be the
output?

int main() {
    int new = -10;
    cout<<"new is: "
<<new;
    return 0;
}
```

- (A) new is: -10
- (B) new is: 10
- (C) Compilation Error
- (D) new is: 0

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Level: BeginnerCategory: loops
[Posted by: Admin | Chicago, USA]

Question: 25

```
What should be the
output of below
program?

int main()
{
    cout<<"CppBuzz";;;;
    return 0;
}
```

- (A) Compilation Error
- (B) Runtime Error
- (C) CppBuzz
- (D) CppBuzz;;;;

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Level: BeginnerCategory: other
[Posted by: Admin | Chicago, USA]

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Question: 26

```
Can any function call
itself?
```

- (A) Yes
- (B) No
- (C) Compilation Error
- (D) Runtime Error

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Level: BeginnerCategory: function
[Posted by: Admin | Chicago, USA]

Question: 27

```
What is size of void
in bytes?
```

- (A) 1
- (B) 2
- (C) 4
- (D) 0

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Level: BeginnerCategory: datatype
[Posted by: Admin | Chicago, USA]

Question: 28

Can a Structure
contain pointer to

- (A) Yes
- (B) No
- (C) Compilation Error
- (D) Runtime Error

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Level: BeginnerCategory: structure

[Posted by: Admin | Chicago, USA]

Question: 29

Can a for loop
contain another for

- (A) No
- (B) Yes
- (C) Compilation Error
- (D) Runtime Error

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Level: BeginnerCategory: loops

[Posted by: Admin | Chicago, USA]

Question: 30

What is output of
below program?

```
int main()
{
    int a=10;
    int b,c;
    b = a++;
    c = a;
    cout<<a<<b<<c;
    return 0;
}
```

- (A) 111011
- (B) 111111
- (C) 101011
- (D) 101010

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Level: BeginnerCategory: operators

[Posted by: Admin | Chicago, USA]

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Question: 31

What is the full form
of oop

- (A) Object oriented programming
- (B) Oriented object programming
- (C) Office oriented programming
- (D) office objective programming

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Level: BeginnerCategory: other

[Posted by: Admin | Chicago, USA]

Question: 32

```
//What is the output  
of below program?
```

```
int main()  
{  
    int a = 10;  
    cout<<a++;  
    return 0;  
}
```

- (A) 10
- (B) 11
- (C) 12
- (D) Not defined

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Level: BeginnerCategory: operators

[Posted by: Admin | Chicago, USA]

Question: 33

```
class base  
{  
public:  
    base()  
    {  
  
    cout<<"BCon";  
    }  
    ~base()  
    {  
  
    cout<<"BDest ";  
    }  
};  
class derived: public  
base  
{  
public:  
    derived()  
    {  
    cout<<"DCon ";  
    }  
    ~derived()  
    {  
    cout<<"DDest ";  
    }  
};  
  
int main()
```

- (A) Dcon DDest
- (B) Dcon DDest BCon BDest
- (C) BCon DCon DDest BDest
- (D) BCon DCon BDes DDest

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Level: BeginnerCategory: classesAndobjects

[Posted by: Admin | Chicago, USA]

Question: 34

```
//What is the value  
of a in below  
program?
```

```
int main()  
{  
    int a, b=20;  
    a = 90/b;  
    return 0;  
}
```

- (A) 4.5
- (B) 4.0
- (C) 4
- (D) Compilation Error

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Level: BeginnerCategory: operators

[Posted by: Admin | Chicago, USA]

Question: 35

Which operator has highest precedence?

- (A) ()
- (B) =
- (C) *
- (D) ++

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Level: BeginnerCategory: operators

[Posted by: Admin | Chicago, USA]

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Question: 36

Which operator has highest precedence in

- (A) *
- (B) /
- (C) %
- (D) all have same precedence

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Level: PractitionerCategory: operators

[Posted by: Admin | Chicago, USA]

Question: 37

How to access and edit data in data

- (A) read()
- (B) write()
- (C) both A and B
- (D) without read()

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Level: PractitionerCategory: operators

[Posted by: Admin | Chicago, USA]

Question: 38

What is output of below program?
int main()
{
 const int a=10;
 a++;
 cout<<a;
 return 0;
}

- (A) 10
- (B) 11
- (C) Compilation Error
- (D) Linking Error

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Level: BeginnerCategory: operators

[Posted by: Admin | Chicago, USA]

Question: 39

```
How many times
CppBuzz.com is
printed?

int main()
{
    int i=0;
    lbl:

    cout<<"CppBuzz.com";
    i++;
    if(i<5)
    {
        goto lbl;
    }
    return 0;
}
```

- (A) Error
- (B) 5 times
- (C) 4 times
- (D) 6 times

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Level: PractitionerCategory: loops

[Posted by: Admin | Chicago, USA]

Question: 40

```
Can we overload
functions in C++?
```

- (A) Yes
- (B) No
- (C) Compilation Error
- (D) Runtime Error

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Level: BeginnerCategory: function

[Posted by: Admin | Chicago, USA]

Question: 41

```
#include<iostream.h>
void Execute(int &x,
int y = 200)
{
    int TEMP = x + y;
    x+= TEMP;
    if(y!=200)

    cout<<TEMP<<x<<y"--";
}

int main()
{
    int A=50, B=20;
    cout<<A<<B<<"--";
    Execute(A,B);
    cout<<A<<B<<"--";
    return 0;
}
```

- (A) 5020--5020--
- (B) 5020--7012020--12020--
- (C) 5020--70120200--5020
- (D) 5020--7050200--5020--

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Level: PractitionerCategory: function
[Posted by: Admin | Chicago, USA]

Question: 42

What is correct
syntax of for loop?

- (A) for(initialization;condition; increment/decrement)
- (B) for(increment/decrement; initialization; condition)
- (C) for(initialization, condition, increment/decrement)
- (D) None of These

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Level: BeginnerCategory: loops
[Posted by: Admin | Chicago, USA]

Question: 43

Can we typecast void
* into int *?

- (A) Yes
- (B) No
- (C) Undefined
- (D) Depends on Compiler

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Level: PractitionerCategory: datatype
[Posted by: Admin | Chicago, USA]

Question: 44

What should be the
output of below
program?

```
int main()
{
int a=10; cout<<a++;
return 0;
```

- (A) 11
- (B) 10
- (C) Error
- (D) 0

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Level: BeginnerCategory: operators
[Posted by: Admin | Chicago, USA]

Question: 45

Which operator has
more precedance in

- (A) +
- (B) -
- (C) ++
- (D) *

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Level: BeginnerCategory: operators
[Posted by: Admin | Chicago, USA]

Question: 46

Which operator can not be overloaded?

- (A) +
- (B) -
- (C) *
- (D) ::

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Level: BeginnerCategory: operators
[Posted by: Admin | Chicago, USA]

Question: 47

What is size of int data type in cpp?

- (A) 2 Bytes
- (B) 4 Bytes
- (C) 1 Byte
- (D) Depends on Compiler

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Level: BeginnerCategory: operators
[Posted by: Admin | Chicago, USA]

Question: 48

What following operator is called ?:

- (A) Scope Resolution Operator
- (B) Conditional Operator
- (C) Ternary Operator
- (D) if else o/p

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Level: BeginnerCategory: operators
[Posted by: Admin | Chicago, USA]

Question: 49

What is the output of below program?

```
int main()
{
    if(0)
    {
        cout<<"Hi";
    }
    else
    {
        cout<<"Bye";
    }
    return 0;
}
```

- (A) Hi
- (B) Bye
- (C) HiBye
- (D) Compilation Error

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Level: BeginnerCategory: conditional

[Posted by: Admin | Chicago, USA]

Question: 50

How many loops are there in C++ 98?

- (A) 2
- (B) 3
- (C) 4
- (D) 1

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Level: BeginnerCategory: loops

[Posted by: Admin | Chicago, USA]

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