**Subject**

1. C++
2. Java
3. Networking
4. Online C Programming
5. PHP
6. VB

**Test**

1. C++ Test 1 (5 question)
2. C++ Test 2 (5 question)
3. C++ Test 3 (5 question)
4. C++ Test 4 (5 question), (but nothing question)
5. Java Test 1 (5 question)
6. Java Test 2 (5 question)
7. Java Test 3 (5 question), (but nothing question)
8. Networking Test 1 (5 question)
9. Networking Test 2 (5 question)
10. Networking Test 3 (5 question), (but nothing question)
11. Online C Language Test 1 (5 question)
12. Online C Language Test 2 (5 question)
13. Online C Language Test 3 (5 question), (but nothing question)

**Question**

**C++ Test1 question**

1. Destructor has the same name as the constructor and it is preceded by \_\_\_\_\_\_ .

* !
* ?
* ~ (Correct Answer)
* $

1. Which of the following statement is incorrect?

* Default arguments can be provided for pointers to functions.
* Default argument cannot be provided for pointers to functions. (Correct Answer)
* A function can have all its arguments as default.
* A default argument cannot be redefined in later declaration.

1. A union that has no constructor can be initialized with another union of \_\_\_\_\_\_\_\_\_\_ type.

* different
* virtual
* same (Correct Answer)
* class

1. What will happen if a class is not having any name?

* It cannot have a destructor.
* It is not allowed.
* It cannot have a constructor.
* Both A and B. (Correct Answer)

1. Which of the following keyword is used to overload an operator?

* overload
* friend
* operator (Correct Answer)
* override

**C++ Test2 question**

1. Which of the following access specifies is used in a class definition by default?

* Private (Correct Answer)
* Protected
* Public
* Friend

1. Which of the following function declaration is/are incorrect?

* int Sum (int a, int b = 2, int c = 3);
* int Sum (int a = 0, int b, int c = 3);
* int Sum (int a = 5, int b);
* Both B and C are incorrect. (Correct Answer)

1. Which constructor function is designed to copy objects of the same class type?

* Create constructor
* Dynamic constructor
* Object constructor
* Copy constructor. (Correct Answer)

1. How many objects can be created from an abstract class?

* Zero (Correct Answer)
* Two
* One
* As many as we want

1. It is a \_\_\_\_\_\_\_\_\_\_ error to pass arguments to a destructor.

* logical
* syntax (Correct Answer)
* virtual
* linker

**C++ Test3 question**

1. A reference is declared using the \_\_\_\_\_ symbol.

* &&
* ||
* & (Correct Answer)
* !

1. Which of the following header file includes definition of cin and cout?

* istream.h
* iomanip.h
* ostream.h
* iostream.h (Correct Answer)

1. Which of the following keywords is used to control access to a class member?

* Default
* Protected (Correct Answer)
* Break
* Asm

1. Which one of the following is the correct way to declare a pure virtual function?

* virtual void Display(void){0};
* virtual void Display(void) = 0; (Correct Answer)
* virtual void Display = 0;
* void Display(void) = 0;

1. Which of the following type of data member can be shared by all instances of its class?

* Public
* Static (Correct Answer)
* Inherited
* Friend

**Java Test1 question**

1. Which method must be defined by a class implementing the java.lang.Runnable interface?

* void run()
* public void start()
* public void run() (Correct Answer)
* void run(int priority)

1. Which is a valid keyword in java?

* Interface (Correct Answer)
* float
* string
* unsigned

1. What is the name of the method used to start a thread execution?

* init();
* run();
* start(); (Correct Answer)
* resume();

1. Which method registers a thread in a thread scheduler?

* run();
* start(); (Correct Answer)
* construct();
* register();

1. Which of the following will directly stop the execution of a Thread?

* wait() (Correct Answer)
* notifyall()
* notify()
* exits synchronized code

**Java Test1 question**

1. Which of the following will not directly cause a thread to stop?

* notify() (Correct Answer)
* sleep()
* wait()
* all the above

1. Which is a reserved word in the Java programming language?

* method
* subclasses
* native (Correct Answer)
* array

1. Which cannot directly cause a thread to stop executing?

* Calling the SetPriority() method on a Thread object.
* Calling notify() method on an object. (Correct Answer)
* Calling the wait() method on an object.
* Calling read() method on an InputStream object.

1. Which is true about a method-local inner class?

* It must be marked final.
* It can be marked public.
* It can be marked abstract. (Correct Answer)
* It can be marked static.

1. Which interface provides the capability to store objects using a key-value pair?

* Java.util.Map (Correct Answer)
* Java.util.List
* Java.util.Set
* Java.util.Collection

**Networking Test1 question**

1. What is the maximum data rate for the 802.11g standard?

* 6Mbps
* 22Mbps
* 11Mbps
* 54Mbps (Correct Answer)

1. Which command will show you all the translations active on your router?

* show ip nat translations (Correct Answer)
* debug ip nat
* show ip nat statistics
* clear ip nat translations\*

1. Which of the following is considered to be the destination host before translation?

* Inside local
* Inside global
* Outside local (Correct Answer)
* Outside global

1. To back up an IOS, what command will you use?

* backup IOS disk
* copy tftp flash
* copy ios tftp
* copy flash tftp (Correct Answer)

1. Which of the following is the decimal and hexadecimal equivalents of the binary number 10011101?

* 155, 0x9B
* 159, 0x9F
* 157, 0x9D (Correct Answer)
* 185, 0xB9

**Networking Test2 question**

1. What is the frequency range of the IEEE 802.11a standard?

* 2.4Gbps
* 2.4GHz
* 5Gbps
* 5GHz (Correct Answer)

1. Which command will allow you to see real-time translations on your router?

* show ip nat translations
* debug ip nat (Correct Answer)
* show ip nat statistics
* clear ip nat translations \*

1. How many non-overlapping channels are available with 802.11h?

* 3
* 23 (Correct Answer)
* 12
* 40

1. Which of the following commands sets a trunk port on a 2960 switch?

* trunk on
* switchport trunk on
* trunk all
* switchport mode trunk (Correct Answer)

1. What protocol is used to find the hardware address of a local device?

* RARP
* IP
* ARP (Correct Answer)
* ICMP

**Online C Language Test1 question**

1. What is (void\*)0?

* Representation of NULL pointer (Correct Answer)
* Error
* Representation of void pointer
* None of above

1. In which header file is the NULL macro defined?

* stdio.h
* stdio.h and stddef.h (Correct Answer)
* stddef.h
* math.h

1. What do the following declaration signify? char \*scr;

* scr is a pointer to pointer variable.
* scr is a pointer to char. (Correct Answer)
* scr is a function pointer.
* scr is a member of function pointer.

1. What do the following declaration signify? int \*f();

* f is a pointer variable of function type.
* f is a function pointer.
* f is a function returning pointer to an int. (Correct Answer)
* f is a simple declaration of pointer variable.

1. The operator used to get value at address stored in a pointer variable is

* \* (Correct Answer)
* !!
* &&
* $$

**Online C Language Test2 question**

1. What do the following declaration signify? int \*ptr[30];

* ptr is a pointer to an array of 30 integer pointers.
* ptr is a array of 30 integer pointers.
* ptr is a array of 30 pointers to integers. (Correct Answer)
* ptr is a array 30 pointers.

1. What do the following declaration signify? void (\*cmp)();

* cmp is a pointer to an void function type.
* cmp is a function that return a void pointer.
* cmp is a void type pointer function.
* cmp is a pointer to a function which returns void. (Correct Answer)

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

* Value of elements in array
* Base address of the array (Correct Answer)
* First element of the array
* Address of the last element of array

1. What does the following declaration mean? int (\*ptr)[10];

* ptr is array of pointers to 10 integers
* ptr is an array of 10 integers
* ptr is a pointer to an array of 10 integers (Correct Answer)
* ptr is an pointer to array

1. How many bytes are occupied by near, far and huge pointers (DOS)?

* near=2 far=4 huge=4 (Correct Answer)
* near=2 far=4 huge=8
* near=4 far=8 huge=8
* near=4 far=4 huge=8

**Website Question**

<https://www.fresherslive.com/online-test>