



# DANISH

## HANIF

# FINAL TERM

FOR LMS HANDLING: 0323-1731413



LMS Handling Service and Website Designing  
(WordPress) Course Available

WhatsApp Contact: 0323-1731413

## CS201 Final term Quiz File 2023

7/31/2023 2:51:38 PM

Question No: 1 ( Marks: 1 ) - Please choose one

All A template function must have at least ----- generic data type

- Zero
- One (Page 499)
- Two
- Three

Question No: 2 ( Marks: 1 ) – Please choose one

Which of the following statement is best regarding declaration of friend function?

- Friend function must be declared after public keyword
- Friend function must be declared after private keyword.
- Friend function must be declared at the top within class definition.
- It can be declared anywhere in class as these are not affected by the public and private keywords. (Page 346)

Question No: 3 ( Marks: 1 ) - Please choose one

Which one of the following is the declaration of overloaded pre-increment operator implemented as member function?

- Class-name operator +() ;
- Class-name operator +(int) ;
- Class-name operator ++() ; (Page 389)
- Class-name operator ++(int) ;

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

Question No: 4 ( Marks: 1 ) - Please choose one  
Class is a user defined\_\_\_\_\_.

- data type (Page 317)
- memory referee
- value
- none of the given options.

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

Question No: 5 ( Marks: 1 ) - Please choose one

How many bytes will the pointer intPtr of type int move in the following statement? intPtr += 3 ;

- 3 bytes
- 6 bytes
- 12 bytes
- 24 bytes

Question No: 6 ( Marks: 1 ) - Please choose one

Which of the following is the correct C++ syntax to allocate space dynamically for an array of 10 int?

- . new int(10) ;
- . new int[10] ;
- . int new(10) ;
- . int new[10];

Question No: 7 ( Marks: 1 ) - Please choose one

A Pointer is a special variable that contain

- . Data values
- . Memory Address (Page 267)
- . Both data and values
- . None of the given option

Question No: 8 ( Marks: 1 ) - Please choose one

Reference Value Type Data The code is written to \_\_\_\_\_ the program.

- . implement
- . design
- . analysis
- . none of the given options

Operator overloading can be performed through\_\_\_\_\_.

- ▶ Classes

▶ **Function (Page 371)**

- ▶ Operators
- ▶ Reference

Question No: 3 ( Marks: 1 ) - Please choose one

Which of the following function is used to increase the size of already allocated memory chunk?

- ▶ malloc
- ▶ calloc
- ▶ **realloc (Page 285)**
- ▶ free

**For More Details, Visit Website**

⇒ [hbdanish.me](http://hbdanish.me)

**WhatsApp: 0323-1731413**

Question No: 4 ( Marks: 1 ) - Please choose one

Which of the following is NOT a preprocessor directive?

- ▶ #error
- ▶ #define
- ▶ #line
- ▶ **#undef (Page 272)**

Question No: 5 ( Marks: 1 ) – Please choose one

The stream objects cin and cout are included in which header file?

- ▶ **iostream.h (Page 15)**
- ▶ fstream.h
- ▶ istream.h
- ▶ ostream.h

Question No: 6 ( Marks: 1 ) – Please choose one

Overloaded delete operator function takes the same parameter as an argument returned by new operator function.

- ▶ **True (Page 414)**
- ▶ False

Question No: 7 ( Marks: 1 ) – Please choose one

When an array of object is created dynamically then there is no way to provide parameterized constructors for array of objects.

- ▶ **True (Page 414)**
- ▶ False

C is widely known as development language of \_\_\_\_\_ operating system.

- ▶ Linux
- ▶ Windows
- ▶ **Unix (Page 12)**
- ▶ Mac OS

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

Question No: 9 ( Marks: 1 ) - Please choose one  
Computer can understand only machine language code.

- ▶ **True**
- ▶ False

Question No: 10 ( Marks: 1 ) - Please choose one  
We can not define a function as a friend of a Template class.

- ▶ True
- ▶ **False (Page 151) .**

Question No: 11 ( Marks: 1 ) – Please choose one  
What will be the value of ‘a’ and ‘b’ after executing the following statements?

A = 3;  
b = a++;

- ▶ 3, 4
- ▶ 4, 4
- ▶ 3, 3
- ▶ **4, 3**

Question No: 12 ( Marks: 1 ) – Please choose one  
Consider the following code segment. What will be the output of following code?

```
Int addValue (int *a){  
int b = (*a) + 2;  
return b ;  
}  
main () {  
int x =6 ;  
cout << x << “, ” ;  
cout << addValue(&x) << “, ” ;  
cout << x ;  
}
```

▶ 6,8,6

▶ 6,6,8

▶ 6,8,8

▶ 6,6,6

Question No: 13 ( Marks: 1 ) – Please choose one  
\_\_\_\_\_ is used to trace the logic of the program and correct the logical errors.

▶ Compiler

▶ Editor

▶ Linker

▶ Debugger (Page 13)

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

Question No: 14 ( Marks: 1 ) - Please choose one  
new and delete are \_\_\_\_\_ whereas malloc and free are \_\_\_\_\_.

▶ Functions, operators

▶ Classes, operators

▶ Operators, functions (Page 342-285)

▶ Operators, classes

Hence, we can call new and delete operators, P# 342

we have allocated a memory space for our use by malloc function. P# 285

Question No: 15 ( Marks: 1 ) - Please choose one

Like member functions, \_\_\_\_\_ can also access the private data members of a class.

▶ Non-member functions

▶ Friend functions (Page 346)

▶ Any function outside class

▶ None of the given options

Question No: 16 ( Marks: 1 ) – Please choose one

Which situation would require the use of a non-member overloaded operator?

▶ The overloaded operator is an Assignment operator.

▶ The left most operand is an object of a class.(Page 375)

▶ The left operand is built-in data type.

▶ The operator returns a reference.

When an operator function is implemented as a non-member function, the left-most operand may be an

object of the operator's class, an object of a different class, or a built-in type

Question No: 17 ( Marks: 1 ) - Please choose one

The stream insertion and stream extraction operators are already overloaded for \_\_\_\_\_.

- ▶ User-defined data types
- ▶ Built-in data types <http://www.sstutor.com/cpp/stream1.htm>
- ▶ User-defined and built-in data types
- ▶ None of the given options

Question No: 18 ( Marks: 1 ) - Please choose one

If we define an identifier with the statement #define PI 3.1415926 then during the execution of the program the value of PI \_\_\_\_\_.

- ▶ can not be replaced
- ▶ None of the given options
- ▶ Remain constant. (Page 271)
- ▶ can be changed by some operation

Question No: 19 ( Marks: 1 ) - Please choose one

Assignment operator is -----associative.

- ▶ right
- ▶ left
- ▶ binary
- ▶ unary

Question No: 20 ( Marks: 1 ) - Please choose one

When ever dynamic memory allocation is made in C/C++, it is freed\_\_\_\_\_.

- ▶ Explicitly (Page 527)
- ▶ Implicitly
- ▶ Both explicitly and implicitly
- ▶ None of the given options

Question No: 21 ( Marks: 1 ) – Please choose one

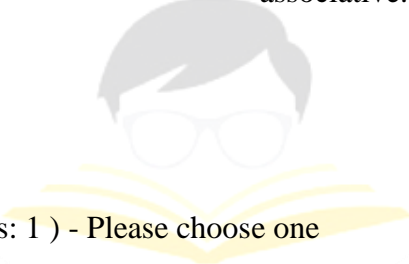
The appropriate data type to store the number of rows and columns of the matrix is\_\_\_\_\_.

- ▶ float
- ▶ int (Not sure)
- ▶ char
- ▶ none of the given options.

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413



Question No: 22 ( Marks: 1 ) – Please choose one  
Which of the following function do NOT initialize the chunk of memory to all zero?

- ▶ calloc() function
- ▶ Both malloc() and calloc()
- ▶ None of the above

▶ malloc() function (Page 283)

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

Question No: 23 ( Marks: 1 ) – Please choose one  
The function free() returns back the allocated memory got thorough calloc and malloc to \_\_\_\_\_ .

- ▶ stack
- ▶ heap
- ▶ stack and heap
- ▶ None of the given options

Question No: 24 ( Marks: 1 ) – Please choose one  
width() is member function of \_\_\_\_\_

- ▶ cin object
- ▶ cout object
- ▶ Both cin and cout object (Page 440)
- ▶ None of the given option

Question No: 25 ( Marks: 1 ) - Please choose one  
Templates are not type safe.

- ▶ true
- ▶ false (Page 518)

Templates are type-safe. This is because the types that templates act upon are known at compile time, so the compiler can perform type checking before errors occur.

Question No: 26 ( Marks: 1 ) - Please choose one  
A Matrix can be composed of ints, floats or doubles as their elements. Best way is to handle this ,

- ▶ Write a separate class to handle each
- ▶ Use templates (Page 527)
- ▶ Use strings to store all types
- ▶ None of the given options

Question No: 1 ( Marks: 1 ) - Please choose one

In if structure the block of statements is executed only,

- ▶ When the condition is false
- ▶ When it contain arithmetic operators
- ▶ When it contain logical operators
- ▶ When the condition is true (Page 38)

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

Question No: 2 ( Marks: 1 ) - Please choose one

Header file: fstream.h includes the definition of the stream classes \_\_\_\_\_.

- ▶ ifstream, fstream, cout
- ▶ ifstream, fstream, ofstream (Page 199)
- ▶ fstream, cin, cout
- ▶ None of the above

Question No: 3 ( Marks: 1 ) - Please choose one

To access the data members of structure \_\_\_\_\_ is used.

- ▶ dot operator (.) (Page 231)
- ▶ \* operator
- ▶ U operator
- ▶ None of given.

Question No: 4 ( Marks: 1 ) - Please choose one  
eof(), bad(), good(), clear() all are manipulators.

- ▶ True (Page 433)
- ▶ False

Question No: 5 ( Marks: 1 ) - Please choose one

Which kind of functions can access private member variables of a class?

- ▶ Friend functions of the class (Page 374)
- ▶ Private member functions of the class
- ▶ Public member functions of the class
- ▶ Friend, private and public functions

Question No: 6 ( Marks: 1 ) - Please choose one

The return type of operator function must always be void.

- ▶ True
- ▶ False (Page 79)

Question No: 7 ( Marks: 1 ) - Please choose one

Friend function of a class is \_\_\_\_\_ .

- ▶ Member function

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

▶ Non-member function (Page 348)

- ▶ Private function
- ▶ Public function

Question No: 8 ( Marks: 1 ) - Please choose one  
Function implementation of friend function must be defined outside the class.

- ▶ True

▶ False (Page 346)

Question No: 9 ( Marks: 1 ) - Please choose one  
The normal source of cin object is,

- ▶ File
- ▶ Disk

▶ Keyboard (Page 424)

- ▶ RAM

Question No: 10 ( Marks: 1 ) - Please choose one  
Which of the following is correct way to initialize a variable x of int type with value 10?

- ▶ int x ; x = 10;
- ▶ int x = 10;
- ▶ int x, x = 10;
- ▶ x = 10;

Question No: 11 ( Marks: 1 ) - Please choose one  
Consider the following code segment. What will be the output of the following program?

```
int func(int) ;  
int num = 10 ;  
int main(){  
int num ;  
num = 5 ;  
cout << num ;  
cout << func(num) ;  
}  
int func(int x){  
return num ;  
}
```

- ▶ 5, 5

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

- ▶ 10, 5
- ▶ 5, 10
- ▶ 10, 10

Question No: 12 ( Marks: 1 ) - Please choose one

With template function, the compiler automatically detects the passed data and generates a new copy of function using passed data.

- ▶ True Page 510
- ▶ False

Question No: 13 ( Marks: 1 ) - Please choose one

What will be the correct syntax to declare two-dimensional array of float data type?

- ▶ float arr{2}{2} ;
- ▶ float arr[2][2] ;
- ▶ float arr[2,2] ;
- ▶ float[2][2] arr ;

Question No: 14 ( Marks: 1 ) - Please choose one

The first parameter of operator function for << operator,

- ▶ Must be passed by value
- ▶ Must be passed by reference (Page 446)
- ▶ Can be passed by value or reference
- ▶ Must be object of class

Question No: 15 ( Marks: 1 ) - Please choose one

Heap is constantly changing in size.

- ▶ True (Page 280)
- ▶ False

Question No: 16 ( Marks: 1 ) - Please choose one

While calling function, the arguments are assigned to the parameters from \_\_\_\_\_.

- ▶ left to right. (Page 295)
- ▶ right to left
- ▶ no specific order is followed
- ▶ none of the given options.

Question No: 17 ( Marks: 1 ) - Please choose one

Classes defined inside other classes are called \_\_\_\_\_ classes

- ▶ looped
- ▶ nested (Page 492)

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

DANISH

HANIF

- ▶ overloaded
- ▶ none of the given options.

Question No: 18 ( Marks: 1 ) - Please choose one

If we define an identifier with the statement #define PI 3.1415926 then during the execution of the program the value of PI \_\_\_\_\_.

- ▶ can not be replaced
- ▶ None of the given options
- ▶ **Remain constant. (Page 271)**
- ▶ can be changed by some operation

Question No: 19 ( Marks: 1 ) - Please choose one Which is returned by the destructor of a class?

- ▶ A pointer to the class.
- ▶ An object of the class.
- ▶ A status code determining whether the class was destructed correctly

▶ **Destructors do not return a value. (page 323)**

Question No: 20 ( Marks: 1 ) - Please choose one

Every class contains \_\_\_\_\_.

- ▶ Constructor
- ▶ Destructor
- ▶ **Both a constructor and a destructor (Lecture 27)**
- ▶ None of the given options

Question No: 21 ( Marks: 1 ) - Please choose one

A template function must have

- ▶ **One or more than one arguments**
- ▶ Only one argument
- ▶ Zero arguments
- ▶ None of the given options

Question No: 22 ( Marks: 1 ) - Please choose one

Structured Query Language is used for \_\_\_\_\_

- ▶ **Databases Management (page 563)**
- ▶ Networks
- ▶ Writing Operating System
- ▶ none of the given options

Question No: 23 ( Marks: 1 ) - Please choose one

**For More Details, Visit Website**

⇒ [hbdanish.me](http://hbdanish.me)

**WhatsApp: 0323-1731413**

When a call to a user-defined function finishes, the variable defined inside the function is still in existence.

▶ True

▶ False (Page 460)

Question No: 24 ( Marks: 1 ) - Please choose one

The precedence of an operator can be changed through operator overloading.

▶ True

▶ False (Page 372)

Question No: 25 ( Marks: 1 ) - Please choose one

A Matrix can be composed of ints, floats or doubles as their elements. Best way is to handle this ,

▶ Write a separate class to handle each

▶ Use templates (Page 527)

▶ Use strings to store all types

▶ None of the given options

Question No: 26 ( Marks: 1 ) - Please choose one

"delete" operator is used to return memory to free store, which is allocated by the "new" operator.

▶ True (page 332)

▶ False

Question No: 1 ( Marks: 1 ) - Please choose one

Pointer is a variable which store,

▶ Data

▶ Memory Address (Page 267)

▶ Data Type

▶ Values

Question No: 2 ( Marks: 1 ) - Please choose one

All preprocessor directives are started with the symbol\_\_\_\_\_.

▶ \*

▶ +

▶ @

▶ # (Page 269)

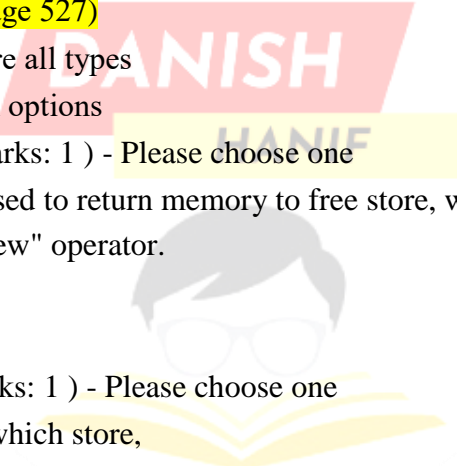
Question No: 3 Marks: 1 ) - Please choose one

Within the statement obj1=obj2; obj1 will call the assignment operator function and obj2 will be passed

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413



as an argument to function.

▶ True

▶ False

Question No: 4 ( Marks: 1 ) - Please choose one

What is the sequence of event(s) when deallocating memory using delete operator?

▶ Only block of memory is deallocated for objects

▶ Only destructor is called for objects

▶ Memory is deallocated first before calling destructor

▶ Destructor is called first before deallocating memory (Page 414)

Question No: 5 ( Marks: 1 ) - Please choose one

The second parameter of operator functions for << and >> are objects of the class for which we are overloading these operators.

▶ True (page 453)

▶ False

Question No: 6 ( Marks: 1 ) - Please choose one

To include code from the library in the program, such as iostream, a directive would be called up using this command.

▶ #include "iostream.h"

▶ include <iostream.h>

▶ include <iostream.h>

▶ #include <iostream.h> (sure)

Question No: 7 ( Marks: 1 ) - Please choose one

The number 544.53 must be stored in \_\_\_\_\_ data type.

▶ int

▶ short

▶ float (Sure)

▶ char

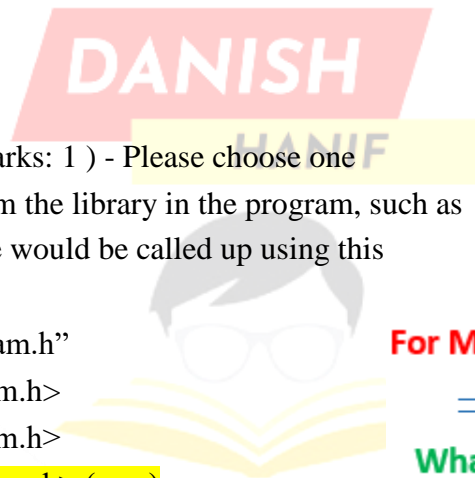
Question No: 8 ( Marks: 1 ) - Please choose one

A template function can have different type of arguments.

▶ True (Page 503)

▶ False

Question No: 9 ( Marks: 1 ) - Please choose one



For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

For which values of the integer `_value` will the following code becomes an infinite loop?

```
int number=1;
while (true) {
    cout << number;
    if (number == 3) break;
    number += integer_value; }
```

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

- ▶ any number other than 1 or 2
- ▶ only 0
- ▶ only 1
- ▶ only 2

Question No: 10 ( Marks: 1 ) - Please choose one

Template class cannot have static variables.

- ▶ True
- ▶ False

Question No: 11 ( Marks: 1 ) - Please choose one

Which of the following is used with bit manipulation?

- ▶ Signed integer
- ▶ Un-signed integer (Page 245)
- ▶ Signed double
- ▶ Un-signed double

Question No: 12 ( Marks: 1 ) - Please choose one

Structure is a collection of \_\_\_\_\_ under a single name.

- ▶ Only Functions
- ▶ Only Variables (Page 229)
- ▶ Both Functions and Variables
- ▶ None of the given options

Question No: 13 ( Marks: 1 ) - Please choose one

Which of the following is the correct C++ syntax to allocate space dynamically for an array of 10 int?

- ▶ `new int(10) ;`
- ▶ `new int[10] ;`
- ▶ `int new(10) ;`

▶ int new[10];

Question No: 14 ( Marks: 1 ) - Please choose one

Unary operator implemented as member function takes \_\_\_\_\_ arguments whereas non-member function takes \_\_\_\_\_ arguments.

- ▶ One, zero
- ▶ Zero, one
- ▶ One, two
- ▶ Two, one

**For More Details, Visit Website**

⇒ [hbdanish.me](http://hbdanish.me)

**WhatsApp: 0323-1731413**

Question No: 15 ( Marks: 1 ) - Please choose one

The first parameter of overloaded stream insertion operator is \_\_\_\_\_ where second parameter is \_\_\_\_\_

- ▶ input stream, object of class
- ▶ object of class, output stream
- ▶ output stream, object of class
- ▶ object of class, input stream

Question No: 16 ( Marks: 1 ) - Please choose one

We can also do conditional compilation with preprocessor directives.

- ▶ True (Page 272)
- ▶ False

Question No: 17 ( Marks: 1 ) - Please choose one

If a symbolic constant has been defined, it will be an error to define it again.

- ▶ True (Page 273)
- ▶ False

Question No: 18 ( Marks: 1 ) - Please choose one

While calling function, the arguments are assigned to the parameters from \_\_\_\_\_.

- ▶ left to right. (Page 295)
- ▶ right to left
- ▶ no specific order is followed
- ▶ none of the given options.

Question No: 19 ( Marks: 1 ) - Please choose one

Classes defined inside other classes are called \_\_\_\_\_ classes

- ▶ looped
- ▶ nested (Page 492)
- ▶ overloaded
- ▶ none of the given options.

Question No: 20 ( Marks: 1 ) - Please choose one

If we define an identifier with the statement #define PI 3.1415926 then during the execution of the program the value of PI \_\_\_\_\_.

- ▶ cannot be replaced
- ▶ None of the given options
- ▶ Remain constant. (Page 271)
- ▶ can be changed by some operation

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

Question No: 21 ( Marks: 1 ) - Please choose one

Assignment operator is -----associative.

- ▶ right
- ▶ left
- ▶ binary
- ▶ unary



Question No: 22 ( Marks: 1 ) - Please choose one

If text is a pointer of class String then what is meant by the following statement?

text = new String [5];

- ▶ Creates an array of 5 string objects statically
- ▶ creates an array of 5 string objects dynamically
- ▶ Creates an array of pointers to string
- ▶ Creates a string Object

Question No: 23 ( Marks: 1 ) - Please choose one

The return type of the operator function for << operator is \_\_\_\_\_.

- ▶ class for which we overload operator
- ▶ reference of ostream class (ostream&)
- ▶ reference of istream class (istream&)
- ▶ void

Question No: 24 ( Marks: 1 ) - Please choose one

The code is written to \_\_\_\_\_ the program.

- ▶ implement (Page 520)

- ▶ design
- ▶ analysis
- ▶ none of the given options.

Question No: 25 ( Marks: 1 ) - Please choose one

Memory allocated at run time is a system resource and it is the responsibility of \_\_\_\_\_ to de-allocate the memory.

- ▶ System
- ▶ Programmer (Page 331)
- ▶ User of program
- ▶ None of given options

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

Question No: 26 ( Marks: 1 ) - Please choose one

Templates are not type safe.

- ▶ True
- ▶ False (Page 518)

Question No: 1 ( Marks: 1 ) - Please choose one  
\*.doc is \_\_\_\_\_ by type.

- ▶ Sequential File
- ▶ Random Access File
- ▶ Data File
- ▶ Record File

Question No: 2 ( Marks: 1 ) - Please choose one

Which of the following is NOT a preprocessor directive?

- ▶ #error
- ▶ #define
- ▶ #line
- ▶ #undef (Page 2727)

Question No: 3 ( Marks: 1 ) - Please choose one

The return type of operator function must always be void.

- ▶ True
- ▶ False (Page 79)

Question No: 4 ( Marks: 1 ) - Please choose one

What does (\*this) represents?

- ▶ The current function of the class
- ▶ The current pointer of the class

▶ The current object of the class (Page 390)

▶ A value of the data member

Question No: 5 ( Marks: 1 ) - Please choose one

The statement `cin.get ();` is used to,

▶ Read a string from keyboard

▶ Read a character from keyboard (Page 426)

▶ Read a string from file

▶ Read a character from file

Question No: 6 ( Marks: 1 ) - Please choose one

When we do dynamic memory allocation in the constructor of a class, then it is necessary to provide a destructor.

▶ True (Page 479)

▶ False

Question No: 7 ( Marks: 1 ) - Please choose one

Overloaded new operator function takes parameter of type `size_t` and returns

▶ void (nothing)

▶ void pointer (Page 415)

▶ object pointer

▶ int pointer

Question No: 8 ( Marks: 1 ) - Please choose one

The second parameter of operator functions for `<<` and `>>` are objects of the class for which we are overloading these operators.

▶ True (Page 453)

▶ False

Question No: 9 ( Marks: 1 ) - Please choose one

C++ is a case-sensitive language

▶ True (Page 68)

▶ False

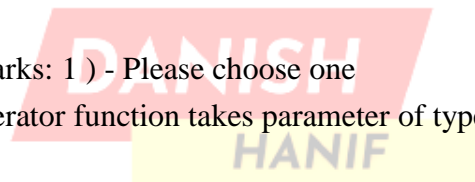
Question No: 10 ( Marks: 1 ) - Please choose one

To include code from the library in the program, such as `iostream`, a directive would be called up using this command.

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413



- ▶ #include "iostream.h"
- ▶ include <iostream.h>
- ▶ include <iostream.h>

▶ #include <iostream.h> (Sure)

Question No: 11 ( Marks: 1 ) - Please choose one  
A template function must have only generic data types.

▶ True

▶ False (Page 501)

Question No: 12 ( Marks: 1 ) - Please choose one  
Template class can not have static variables.

▶ True

▶ False

Question No: 13 ( Marks: 1 ) - Please choose one  
What will be the correct syntax to assign an array named arr of 5 elements to a pointer ptr?

▶ \*ptr = arr ;

▶ ptr = arr ;

▶ \*ptr = arr[5] ;

▶ ptr = arr[5] ;

Question No: 14 ( Marks: 1 ) - Please choose one  
What will be the correct syntax to access the value of fourth element of an array using pointer ptr?

▶ ptr[3]

▶ (ptr+3)

▶ \*(ptr+3)

▶ Both 1 and 3

Question No: 15 ( Marks: 1 ) - Please choose one  
If most significant bit of un-signed number is 1 then it represents a positive number.

▶ True

▶ False (Page 251)

Question No: 16 ( Marks: 1 ) - Please choose one  
If there is a symbol (& sign) used with the variable name followed by data type then it refers to \_\_\_\_\_ and if & is being used with variable name then it refers to \_\_\_\_\_.

▶ Address of variable, reference variable

▶ Reference variable, value of variable

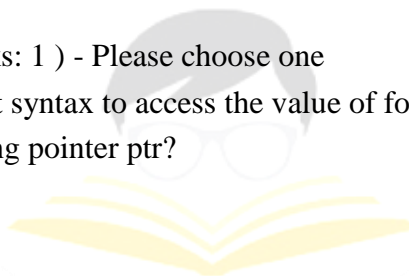
For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

DANISH

HANIF



▶ Reference variable, address of variable (Page 367)

▶ Address of variable, value of variable

Question No: 17 ( Marks: 1 ) - Please choose one

We can also do conditional compilation with preprocessor directives.

▶ True (Page 272)

▶ False

Question No: 18 ( Marks: 1 ) - Please choose one

The default value of a parameter can be provided inside the

\_\_\_\_\_

▶ function prototype

▶ function definition

▶ both function prototype or function definition (Page 294)

▶ none of the given options.

Question No: 19 ( Marks: 1 ) - Please choose one

Classes defined inside other classes are called \_\_\_\_\_ classes

▶ looped

▶ nested (Page 492)

▶ overloaded

▶ none of the given options.

Question No: 20 ( Marks: 1 ) - Please choose one

What purpose do classes serve?

▶ Data encapsulation

▶ Providing a convenient way of modeling real-world objects

▶ Simplifying code reuse

▶ All of the given options

Question No: 21 ( Marks: 1 ) - Please choose one

Every class contains \_\_\_\_\_.

▶ Constructor

▶ Destructor

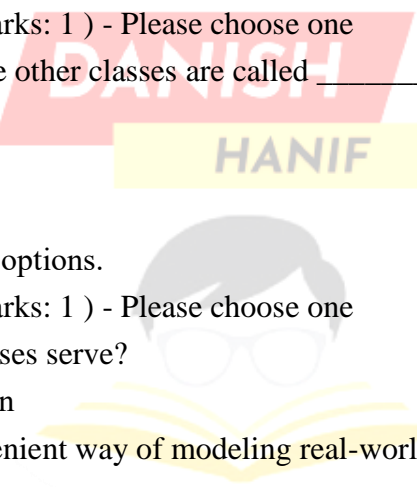
▶ Both a constructor and a destructor (Lecture 27)

▶ None of the given options

Question No: 22 ( Marks: 1 ) - Please choose one

new operator is used to allocate memory from the free store during

▶ Compile Time



For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

For More Details, Visit Website

⇒ [hbdanish.me](http://hbdanish.me)

WhatsApp: 0323-1731413

▶ Run Time

▶ Link Time

▶ None of the given options

Question No: 23 ( Marks: 1 ) - Please choose one

When an object of a class is defined inside another class then,

▶ Destructor of enclosing class will be called first

▶ Destructor of inner object will be called first

▶ Constructor and Destructor will be called simultaneously

▶ None of the given options

Question No: 24 ( Marks: 1 ) - Please choose one

It is possible to define a class within another class.

▶ True (Page 492)

▶ False

Question No: 25 ( Marks: 1 ) - Please choose one

New and Delete are also used with \_\_\_\_\_ and data types as well.

▶ Class, Objects (Page 342)

▶ Structures, Pointers

▶ Both Class and structures

▶ None of above

Question No: 26 ( Marks: 1 ) - Please choose one

With New keyword, data types and class members are initialized with meaningful values instead of garbage.

▶ True (Page 334)

▶ False

