Which one of the statements given below is equivalent to **sum += j*j** ?

Answer (Please select your correct option)

- sum = j * j
- sum = sum + j
- sum = sum + j * j
- sum * j = j

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[redacted]

Question No : 3 of 52

All elements of an array must be of_____.

Answer (Please select your correct option)

- different data type
- float data types only
- character data types only
- same data type

[redacted]

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Question No : 4 of 32

In C/C++, null character is represented as _____.

Answer (Please select your correct option)

- C \n
- C \0
- C \t
- C \r

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Question No : 9 of 32

The dynamic memory allocation uses memory from the _____.

Answer (Please select your correct option)

- Stack
- Heap
- System Cache
- Secondary Storage

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[redacted]

uestion No : 6 of 52

When a value is referred by a normal variable then it is known as_____.

nswer (Please select your correct option)

- Direct Reference
- Indirect Reference
- Proper Reference
- Partial Reference

[redacted]

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Question No : 7 of 31

The address operator (&) is used with a _____.

Answer (Please select your correct option)

- Statement
- Expression
- Variable
- Constant

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A variable declared inside a code block becomes the _____ variable for that block.

nswer (Please select your correct option)

- global
- static
- local
- inner

Scanned with CamScanner

Question No : 9 of 52

If a friend function outside the class declares itself friend of the class, this may violate the concept of _____.

Answer (Please select your correct option)

- Encaprulation and data accessing
- Encaprulation and data hiding
- Friend member functions of the class
- Interface of the class

Scanned with CamScanner

Question no : 10 of 32

In C/C++, _____ are the doors through which data can enter and come out of a program.

Answer (Please select your correct option)

- Streams
- Fields
- Variables
- Header files

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[redacted]

estion No : 11 of 52

_____ name includes a primary name and an optional period with an extension.

wer (Please select your correct option)

- File
- Disk
- Data
- Database



[redacted]

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The operator used for casting in C is standard _____ operator.

Answer (Please select your correct option)

- binary
- cast
- cost
- const

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Question No : 19 of 31

Both endl and flush are _____.

Answer (Please select your correct option)

- Functions
- Operators
- Manipulators
- Objects

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What will be the output of the following statement?

```
cout << setbase(16) << 52 ;
```

Answer (Please select your correct option)

- 52
- 34
- 64
- 32

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Question No : 13 of 32

The return type of the operator function for << operator is _____.

Answer (Please select your correct option)

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

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new operator allocates memory from free store and returns _____.

nswer (Please select your correct option)

- A pointer
- A reference
- An integer
- A float

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The pointer returned by the new operator points to _____ of memory chunks allocated by the new operator.

Answer (Please select your correct option)

- Second memory address
- First memory address
- Last memory address

Scanned with CamScanner

Question No : 19 of 52

What does STL stand for?

Answer (Please select your correct option)

- Source template library
- Standard template library
- Stream template library
- Standard temporary library

Scanned with CamScanner

The appropriate data type to store the number of rows and colums of the matrix is_____.

Answer (Please select your correct option)

- float
- strings
- int
- char

Scanned with CamScanner

Question No : 21 of 32

By using objects as class members, _____ is achieved

Answer (Please select your correct option)

- Accessibility
- Reliability
- Reusability
- Usability

Scanned with CamScanner

Question No : 22 of 32

_____ data members of a contained object can be accessed from inside of the containing class

Answer (Please select your correct option)

- Private
- Public
- Protected
- All

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[redacted]

Question No : 23 of 52

The normal source of cin object is _____.

Answer (Please select your correct option)

- File
- Disk
- Keyboard
- RAM

[redacted]

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Question No : 24 of 52

The stream insertion and stream extraction operators are already overloaded for _____.

Answer (Please select your correct option)

- User-defined data types
- Built-in data types
- User-defined and built-in data types
- Constants

Scanned with CamScanner

When an object of a class is defined inside an other class then _____.



Answer (Please select your correct option)

- Constructor of enclosing class will be called first
- Constructor of inner object will be called first
- Constructor and Destructor will be called simultaneously
- Only destructor will be called

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The order of destruction of an object is _____.

Answer (Please select your correct option)

- same as the construction order.
- reverse as the construction order.
- independent of the construction order.
- same as the order of objects declared.

Scanned with CamScanner

A constructor will create a new object with a full copy of the other object, this type of copy is known as _____.

Answer (Please select your correct option)

- Deep copy
- Shallow copy
- Constructor copy
- Object copy

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_____ is the only operator that the compiler overloads for user defined data type.

Answer (Please select your correct option)

- Plus (+)
- Minus (-)
- Equal (= =)
- Assignment (=)

Scanned with CamScanner

Static allocation is _____ efficient than the dynamic allocation

Answer (Please select your correct option)

- less
- more
- equally
- it depends on the situation



Scanned with CamScanner

Which of the following function call is correct for the function prototype?
defaultParameters (int a, int b = 7, char z = '*').

Answer (Please select your correct option)

- defaultParameters (5);
- defaultParameters (5, '8');
- defaultParameters (6, '#');
- defaultParameters (0, 0, '*', 0);

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The region of memory, available for allocation at run time in C language is called _____ memory whereas in C++ , is called _____

Answer (Please select your correct option)

- Heap, Stack
- Stack, Free Store
- Heap, Free Store
- Free store, Heap

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Question No : 33 of 52

The prototype of friend function is written _____.

Answer (Please select your correct option)

- Before the class definition
- As private member function
- Anywhere inside the class definition
- In the main function

Scanned with CamScanner

Question no : 34 of 32

Which one of the given options is correct prototype syntax for overloaded operator?

Answer (Please select your correct option)

- return-type operator-symbol (parameter-list) operator;
- operator return-type operator-symbol (parameter-list);
- return-type operator operator-symbol (parameter-list);
- return-type operator-symbol operator (parameter-list);

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The declarator of Plus (+) member operator function is _____.

Answer (Please select your correct option)

- Class-Name operator + (Class-Name rhs)
- operator Class-Name + ( )
- operator Class-Name + (rhs)
- Class-Name operator + ( )

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Sequence of event(s) when allocating memory using new operator is _____.

Answer (Please select your correct option)

- Only block of memory is allocated for objects
- Only constructor is called for objects
- Memory is allocated first before calling constructor
- Constructor is called first before allocating memory

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[redacted]

Question No : 37 of 52

Individual characters in a string stored in an array can be accessed directly using array _____.

Answer (Please select your correct option)

- Superscript
- Subscript
- Script
- Value

[redacted]

Scanned with CamScanner

Question No : 38 of 52

Whenever we allocate any memory from the_____ then starting position of the block of the memory allocated is returned as an address that is kept in a pointer.

Answer (Please select your correct option)

- Flush
- Buffer
- Heap
- Stack



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[redacted]

Question No : 39 of 52

Whenever we allocate any memory from the heap then starting position of the block of the memory allocated is returned as a _____that is kept in a pointer

Answer [Please select your correct option]

- Variable
- Address
- Pointer
- Array

[redacted]

Scanned with CamScanner

Constructor is a special function, called whenever we instantiate a _____ of a class.

Answer (Please select your correct option)

- Function
- Data member
- Object
- Pointer

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[redacted]

Question No : 1 of 52

Which of the following function call is "call by reference" for the following function prototype?
void func (int *);

Answer (Please select your correct option)

- func(int &num) ;
- func(&num) ;
- func(*num) ;
- func(num) ;

[redacted]

Scanned with CamScanner

Question No : 2 of 32

What is the highest legal index for the following array?

```
int arr[4]
```

Answer (Please select your correct option)

- 4
- 3
- 2
- 1

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[redacted]

Question No : 3 of 52

Which of the following is the correct way to initialize a character array 'course' with string 'programming'?

Answer (Please select your correct option)

- course[12] ="programming";
- course[] = ("programming");
- course[] = 'programming' ;
- course = "programming" ;

[redacted]

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Question No : 4 of 52

Using a segment of source code again by adding new functionalities with slight or no modification is termed as _____.

Answer (Please select your correct option)

- code efficiency
- code reusability
- code modification
- code compatibility

Scanned with CamScanner

_____ executes all the lines before error and stops at the line which contains the error.

Answer (Please select your correct option)

- Intrepreter
- Compiler
- Linker
- Debugger

Scanned with CamScanner

Question No : 6 of 52

Which of the following values are used in C/C++ to represent true and false?

Answer (Please select your correct option)

- 1 and 0
- 1 and -1
- 11 and 00
- Any numerical value

Scanned with CamScanner

Question No : 7 of 32

When break statement is encountered in switch statement, it _____

Answer (Please select your correct option)

- Stops the entire program
- Stops the execution of current statement
- Exits from switch statement
- Repeats the switch statement

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Question No : 8 of 32

What will be the output of this code segment?

```
int arr[6] = {2, 3, 7, 4, 5, 6} ;
int *ptr1 =&arr[1] ;
int *ptr2 = &arr[4] ;
cout << (ptr2-ptr1) ;
```

Answer (Please select your correct option)

- 3
- 9
- 12
- 2

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Question No : 9 of 32

In C++, Integer calculation occurs in _____ bytes.

Answer (Please select your correct option)

- 1 byte
- 2 bytes
- 4 bytes
- 8 bytes

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The static data members of a class will be _____.

Answer (Please select your correct option)

- shared by objects
- created for each object
- initialized within class
- initialized within main function

Scanned with CamScanner

Question No : 12 of 52

Which of the following option is true about static data members of a class?

Answer (Please select your correct option)

- The static data members cannot be private or public
- The static data members must be private
- The static variables must be public
- The static data members can be private or public

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uestion no : 13 of 32

When a variable is defined as static in a class then _____

nswer (Please select your correct option)

- Separate copy of this variable is created for each object
- Only one copy is created for all objects of this class
- A copy of this variable is created for only static objects
- No copy is created for the objects of that class

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[redacted]

Question No : 14 of 52

The pointer returned by the new operator points to _____ of memory chunks allocated by the new operator.

Answer (Please select your correct option)

- Second memory address
- First memory address
- Last memory address
- Last memory address of the previous chunk

[redacted]

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Question No : 15 of 52

A _____ is considered as a special type of pointer which contains address of a memory location.

Answer (Please select your correct option)

- Function
- Structure
- Reference
- Class

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Question No : 16 of 52

Which of the following operator the compiler overloads for objects by default?

Answer (Please select your correct option)

- + operator
- - operator
- = operator
- == operator

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If C1 and C2 are objects of the same class, what would a user get after compiling the following statement?
C1 = C2;

Answer (Please select your correct option)

- The compiler will generate a syntax error regarding assignment operator not overloaded.
- The compiler will execute the statement but it will be a logical error.
- A run time error occurs
- The program will execute successfully without any logical error.

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[redacted]

uestion No : 18 of 52

With template function, the compiler automatically detects the _____ and generates _____ using passed data.

nswer (Please select your correct option)

- passed data , a new copy of function
- parameters, an old copy of function
- old copy of function, parameters
- parameters, an new copy of function

[redacted]

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What does STL stand for?

Answer (Please select your correct option)

- Source template library
- Standard template library
- Stream template library
- Standard temporary library

Scanned with CamScanner

Question No : 20 of 52

Templates provide way of abstracting _____ information.

Answer (Please select your correct option)

- type
- data
- method
- access

Scanned with CamScanner

Question no : 21 of 32

The appropriate data type to store the number of rows and colums of the matrix is_____.

Answer (Please select your correct option)

- float
- strings
- int
- char

Scanned with CamScanner

Question No : 22 of 52

Classes defined inside other classes are called _____ classes

Answer (Please select your correct option)

- looped
- nested
- overloaded
- children classes

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Question No : 23 of 52

_____ data members of a contained object can be accessed from inside of the containing class.

Answer (Please select your correct option)

- Private
- Public
- Protected
- All

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If we write a statement like s2 = s1; _____ will be the calling object and _____ will be passed to the = operator as an argument.

Answer (Please select your correct option)

- s1, s1
- s1, s2
- s2, s1
- s2, s2

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We can use cin.peek() function to _____.

Answer (Please select your correct option)

- See the next character that we are going to get.
- Get to the end of the input buffer.
- See the first character of input buffer.
- See the last character of the current input word.

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Question No : 26 of 52

The stream insertion and stream extraction operators are already overloaded for _____.

Answer (Please select your correct option)

- User-defined data types
- Built-in data types
- User-defined and built-in data types
- Constants

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Question no : 27 of 32

The order of destruction of an object is _____.

Answer (Please select your correct option)

- same as the construction order.
- reverse as the construction order.
- independent of the construction order.
- same as the order of objects declared.

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[redacted]

Question No : 28 of 52

A constructor will create a new object with a full copy of the other object, this type of copy is known as _____.

Answer (Please select your correct option)

- Deep copy
- Shallow copy
- Constructor copy
- Object copy

[redacted]

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Question no : 29 of 32

A macro when takes arguments is called_____.

Answer (Please select your correct option)

- function
- procedure
- parameterized macro
- simple macro

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Question No : 30 of 32

Which of the following is NOT a preprocessor directive?

Answer (Please select your correct option)

- #error
- #define
- #line
- #ndefine

Scanned with CamScanner

Static allocation is _____ efficient than the dynamic allocation

Answer (Please select your correct option)

- less
- more
- equally
- it depends on the situation

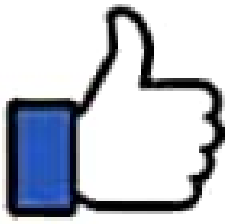
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Question No : 32 of 32

The function free() returns back the allocated memory got through calloc and malloc to _____ .

Answer (Please select your correct option)

- stack
- heap
- free memory store
- both to heap and stack



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Question no : 33 of 32

If constructor contains a return statement in its body then compiler will give _____.

Answer (Please select your correct option)

- No error
- Syntax error
- Logical error
- Run time error

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Question No : 34 of 52

new and delete are also used with _____ and primitive data types as well

Answer (Please select your correct option)

- loops
- structures, pointers
- classes , structures
- constant

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Question No : 35 of 52

Memory allocated at run time is a system resource and it is the responsibilty of _____ to de-allocate the memory.

Answer (Please select your correct option)

- System
- Programmer
- User of program
- Operating System



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[redacted]

Question No : 38 of 52

In case of _____default mechanism of function calling is call by value.

Answer (Please select your correct option)

- Variable
- Array
- Heap
- List

[redacted]

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Question No : 39 of 52

A constructor has the same name as that of _____ .

Answer (Please select your correct option)

- Variable
- Class
- Structure
- Function

Scanned with CamScanner

Question no : 40 of 52

The destructor for all the objects in the program is automatically called when _____.

Answer (Please select your correct option)

- Memory is dynamically allocated to objects
- Objects are used inside functions
- Array of objects is declared
- Program is terminated

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uestion No : 1 of 52

Loop is also called _____ structure.

nswer (Please select your correct option)

- Decision
- Repetition
- Sequential
- Hierarchical

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Question No : 2 of 52

When a multidimensional array is accessed, each array index is _____

Answer (Please select your correct option)

- C separated by commas
- C surrounded by brackets and separated by commas
- C separated by commas and surrounded by brackets
- C surrounded by brackets.

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Question No : 3 of 32

Which of the given operators is not a valid compound assignment operator ?

Answer (Please select your correct option)

- >>=
- =>>
- *=
- &=

Scanned with CamScanner

Question No : 4 of 52

To assigned a value to a character type variable, _____ are used around the value.

Answer (Please select your correct option)

- parenthesis ( )
- single qoutes ' '
- double qoutes " "
- curly braces { }

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Question No : 6 of 52

Which of the following data types will be assumed if no data type is specified with constant?

Answer (Please select your correct option)

- short
- float
- int
- double

Scanned with CamScanner

Question No : 7 of 32

Which header file should be included to use functions like malloc() and calloc()?

Answer (Please select your correct option)

- memory.h
- iostream.h
- stdlib.h
- conio.h

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Question No : 9 of 52

The statement x += y can be interpreted as _____.

Answer (Please select your correct option)

- Adding the value of the x to the value of the y and storing the result in x
- Adding the value of the y to the value of the x, store the result in y
- Adding the value of the x to the value of the x, store the result in x
- Adding the value of the y to the value of the y, store the result in x

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A variable declared inside a code block becomes _____ variable for that block

Answer (Please select your correct option)

- global
- static
- local
- inner

Scanned with CamScanner

If a friend function outside the class declares itself friend of the class, this may violate the concept of _____.

Answer (Please select your correct option)

- Encapsulation and data accessing
- Encapsulation and data hiding
- Friend member functions of the class
- Interface of the class



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Question No : 12 of 52

Initializing the data members in the defination of the class is _____

Answer (Please select your correct option)

- syntax error
- logical error
- not an error
- compile time error

Scanned with CamScanner

Question No : 13 of 52

The functions width, fill and precision are defined in _____ header file.

Answer (Please select your correct option)

- conio.h
- iomanip.h
- iostream.h
- stdlib.h

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Question no : 14 of 32

width() is a member function of _____.

Answer (Please select your correct option)

- cin object
- cout object

Scanned with CamScanner

Question No : 16 of 32

Which of the following option is true about static data members of a class?

Answer (Please select your correct option)

- The static data members cannot be private or public
- The static data members must be private
- The static variables must be public
- The static data members can be private or public

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Question no : 17 of 30

When a call to a user-defined function finishes, the variable defined inside the function will _____.

Answer (Please select your correct option)

- still in existence
- not exist further
- finish but a copy will remain in memory
- become static for other functions

Scanned with CamScanner

[redacted]

tion No : 18 of 52

pointer returned by the new operator points to _____ of memory chunks allocated by the new operator.

er (Please select your correct option)

Second memory address

First memory address

Last memory address

Last memory address of the previous chunk

[redacted]

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[redacted]

Question No : 19 of 52

If overloaded plus operator is implemented as member function then which of the following option will be true for the statement given below?
obj3 = obj1 + obj2 ;

Answer (Please select your correct option)

- obj1 will be passed as an argument to + operator whereas obj2 will drive the + operator
- obj1 will drive the + operator whereas obj2 will be passed as an argument to + operator
- Both objects (obj1, obj2) will be passed as arguments to the + operator
- Any of the objects (obj1, obj2) can drive the + operator

[redacted]

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Question No : 20 of 52

A template function must have at least _____ generic data type.

Answer (Please select your correct option)

- Zero
- One
- Two
- Three



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Question No : 21 of 32

With template function, the compiler automatically detects the _____ and generates _____ using passed data.

Answer (Please select your correct option)

- passed data , a new copy of function
- parameters, an old copy of function
- old copy of function, parameters
- parameters, an new copy of function

Scanned with CamScanner

Question No : 22 of 52

The appropriate data type to store the number of rows and colums of the matrix is_____.

Answer (Please select your correct option)

- float
- strings
- int
- char

Scanned with CamScanner

Question No : 23 of 52

ANSI stands for _____.

Answer (Please select your correct option)

- American Neutral Standards Institute
- Australian National Standards Institute
- Asian National Standards Institute
- American National Standards Institute

Scanned with CamScanner

[redacted]

uestion No : 24 of 52

In the member initializer list, the data members are initialized _____.

nswer (Please select your correct option)

- From left to right
- From right to left
- In the order in which they are defined within class
- There is no order for initialization

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[redacted]

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[redacted]

uestion No : 25 of 52

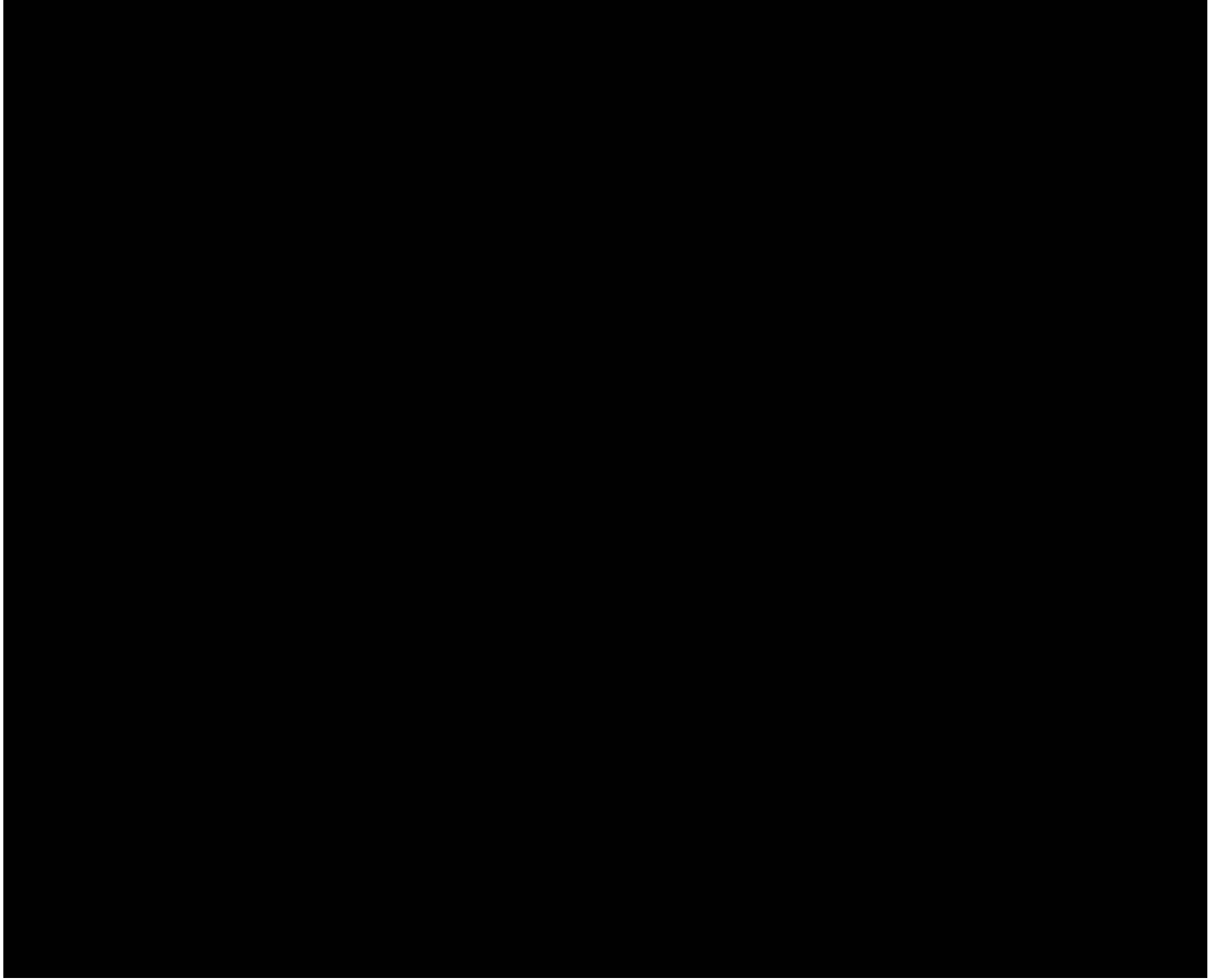
The initializer list is used to initialize the contained objects of a class at _____.

nswer (Please select your correct option)

- Run time
- Debugging time
- Construction time
- Compile time

[redacted]

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Scanned with CamScanner

[redacted]

uestion No : 27 of 52

A constructor will create a new object with a full copy of the other object, this type of copy is known as _____.

nswer (Please select your correct option)

- Deep copy
- Shallow copy
- Constructor copy
- Object copy

[redacted]

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Question No : 28 of 52

When we define an array of objects then _____.

Answer (Please select your correct option)

- Destructor will be called once for the whole array
- Destructor will be called for each object of the array
- No Destructor will be called
- Destructor for only first object in the array will be called

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Question No : 29 of 52

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

Answer (Please select your correct option)

- malloc
- calloc
- realloc
- free

Scanned with CamScanner

Question No : 30 of 52

NULL value has been defined in _____ and _____ header files.

Answer (Please select your correct option)

- strings.h , iostream.h
- ctype.h , conio.c
- conio.c , conio.h
- stdlib.h , stddef.h

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Question No : 31 of 52

Which of the following function call is correct for the function prototype?
defaultParameters (int a, int b = 7, char z = '*').

Answer (Please select your correct option)

- defaultParameters (5);
- defaultParameters (5, '8');
- defaultParameters (6, '#');
- defaultParameters (0, 0, '*', 0);

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Question No : 32 of 52

Friend function of a class is _____.

Answer (Please select your correct option)

- Private function
- Non-member function
- Public function
- Member function

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Question No : 33 of 52

The declarator of Plus (+) member operator function is _____.

Answer (Please select your correct option)

- Class-Name operator + (Class-Name rhs)
- operator Class-Name + ( )
- operator Class-Name + (rhs)
- Class-Name operator + ( )

Scanned with CamScanner

Question No : 34 of 52 Marks: 1 (Budgeted Time 1 I

The operator function will be implemented as ____, if obj1 drive the - operator whereas obj2 is passed as arguments to - operator in the statement given below.
obj3 = obj1 - obj2;

Answer (Please select your correct option)

- Friend function
- Virtual Function
- Member function
- Non-member function

Scanned with CamScanner

Question No : 37 of 52

Correct syntax of function prototype for overloading new operator is _____.

Answer (Please select your correct option)

- void* new operator(size_t size)
- void* new(size_t size)
- operator new(size_t size)
- void* operator new(size_t size)

Scanned with CamScanner

[redacted]

estion No : 38 of 52

here is a pointer variable named ***ptr*** of type float then address of which type of variable the ***ptr*** will store in it?

swer [Please select your correct option]

- int
- float
- char
- double

[redacted]

Scanned with CamScanner

Question No : 39 of 52

Which one is the correct syntax for defining an identifier PI with preprocessor directive?

Answer (Please select your correct option)

- #undef PI 3.1415926
- #define PI 3.1415926
- #define PI = 3.1415926
- #ifdef PI = 3.1415926

SUBSC
NO

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