

⑧ Cursor to traverse the element:

✓ T^* first() ✓ T^* beyond ✓ T^* next(T^*)

All of the above

⑨ Short Question

① Find the syntax error?

(Template program the us ma error find kr kr
accurate linkna the answer ma)

② Find the output:

```
int main () { Derived d;
```

```
Base *b = &d;    Base *b = &d; →  
b → print();  
return 0; }
```

Base pointer (base class) ka derived class se assign krke call function

Output ma vhi ay B jo derived class ka function a code ma likha hu ga.

③ Find the output: ④ Find the output

Constructor & Destructor ka Programs thye

∴ Constructor hmasha base class ka phly chalta hy.
bad ma derived class ka chalta hy.

∴ Destructor hmasha phly child class ka chly ga
Phir base/parent class ka.

⑤ Container Adapters stored which type of container

In Stack: Stack can adapt vector, deque, list.

Long Question

① Give C++ code of template function to print value of any type of array.

② Container are given, what correct type of containers?

multimap	Associate
map	"
vector	Sequence
deque	"
list	"

③ Public Inheritance, Write Data Member Access Level in Drived class

Public	Public
Protected	Protected
Private	Hidden

⇒ Is ma sy bhi
2 msgs thy

④ Write a code in which explicit type casting do?

Identify the correct way of declaring an object of user defined template class **A** for char type members?

Answer (Please select your correct option)

A< char > obj;



<char>A obj;

A obj<char>;

Obj <char> A;

Which of the following is NOT an advantage of generic programming?

Answer (Please select your correct option)

Reusability

Writability

Maintainability

Efficient memory usage

Which of the following is Not an example of error handling techniques?

Answer (Please select your correct option)

Abnormal Termination

Graceful Termination

Return the illegal value

Returning a value

Which one of the following is example of complete specialization,

Answer (Please select your correct option)

`template <typename T> class Vector ();`

`template <typename T> class Vector<T*> ();`

`template<> class Vector <char*> ();` ✓

`template <class T> class Vector< T *> ();`

A range is often supplied to an algorithm by two _____ values.

Answer (Please select your correct option)



italic



iteration



iterator



container

Using catch blocks in **incorrect order** is _____ error.

Answer (Please select your correct option)

Syntax



Logical



Grammatical

Runtime



Question No : 32 of 52

A range is often supplied to an algorithm by two _____ values.

Answer (Please select your correct option)

italic

iteration

iterator

container

Assume a class Derv that is privately derived from class Base. An object of class Derv located in main() can access

Answer (Please select your correct option)

public members of Derv.



protected members of Derv.

private members of Derv.

protected members of Base.

Consider the following definition

```
template < class T > class XYZ ( ... );
```

Answer (Please select your correct option)



it defines a class template for integers only



it defines a class template for any data type



class templates are not defined in this way



it defines template functions



A class template _____

Answer (Please select your correct option)

Facilitates reuse of class



Does not facilitate reuse of class

Does not support generic methods

Does not support static members

Question # 4 of 10 (Start time: 01:22:23 PM, 02 January 2025)

Consider the code below:

```
class class1
{
private: int i;
};

class class2 : private class1
{
};
```

Then int member i of class1 is _____ in class2.

Select the correct option

<input type="radio"/>	none of the given options
<input checked="" type="radio"/>	private/hidden
<input type="radio"/>	protected
<input type="radio"/>	public

Question # 5 of 10 (Start time: 01:23:55 PM, 02 January 2025)

In case of private inheritance, protected members of base class will be _____ in derived class?

Select the correct option

<input type="radio"/>	protected
<input checked="" type="radio"/>	private
<input type="radio"/>	hidden
<input type="radio"/>	public