

# VIRTUAL UNIVERSITY OF PAKISTAN

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## (Final Term Past Paper)



MADE AND SOLVED BY TEAM HADI

**WARNING:** Team HADI is not responsible for any mistake or wrong answer. All students reading and using this document may check and confirm the answers at their own.



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## CS201P FINAL TERM CURRENT PAPER

#TEAM\_HADI\_VU

03087122922

**Question:** In the following statement:

Date operator ++ (int);

Which operator is being overloaded for the Date class?

- **Pre-increment operator.....TEAM HADI VU**
- Addition operator.
- Unary plus operator.
- Post-increment operator

**Question:** Which keyword is used to declare the friend function?

- **friend .....TEAM HADI VU**
- Friend

- FRIEND
- Friend

**Question:** The statement in \_\_\_\_ case is executed if no case matches in switch statement.

- First
- Middle
- Zero
- **Default.....TEAM HADI VU**

**Question:** What will be output of the following piece of code?

```
int square(int n)
{
return n*n*n;
}
main(){
cout<<square(1);
}
```

- 2
- **1.....TEAM HADI VU**
- 3
- 4

**Question:** Which is correct prototype of overloading of new operator?

- new\* operator (size\_t size);
- size \* operator new (size\_t, size);
- void \* operator new (size\_t, size);
- **void \* operator new (size\_t size); .....TEAM HADI VU**

**Question:** If the size of the array is ten, the index will be from \_\_\_ to \_\_\_

- 1,10
- 0,10
- **1,9**
- **0,9**

**Question:** A common mistake in templates is the \_\_\_\_ problem.

- **Angle bracket .....TEAM HADI VU**
- Rewriting same code
- Coding style
- Square bracket

**Question:** Constructors and destructors of a class return

- Reference of an object
- A new object of class
- Void pointer
- **Nothing.....TEAM HADI VU**

**Question:** Templates are type-safe, so the compiler can perform type checking\_\_\_\_\_ errors occur.

- After
- During compilation
- **Before .....TEAM HADI VU**
- At run time

**Question:** In C++, the statement, char\* x, z can be read as,

- **x is a pointer to a char, z is a char.....TEAM HADI VU**
- z is a pointer to a char, x is a char
- z is a pointer to a char
- x, z is a pointer to a char

**Question:** Suppose you have declared a variable "int i" before main (), which type of variable will it be?

- Local
- Static
- **Global.....TEAM HADI VU**
- Automatic

**Question:** To multiply a matrix with another matrix, the number of columns of the first matrix should be equal to the number of\_\_\_\_\_of the second matrix.

- Columns
- **Rows**

- Elements
- Integers

**Question:** What will be the output of the following code?

```
int main()
```

```
{
```

```
}
```

```
int array[5] = {1,2,3,4,5};
```

```
int* ptr = array;
```

```
cout<<*(ptr+3);
```

```
return 0;
```

```
}
```

- 1
- 3
- 2
- **4.....TEAM HADI VU**

**Question:** In C++, when accessing files randomly, which function is used to take the pointer to the position from where we want to start reading?

- Tellp()
- **tellg().....TEAM HADI VU**
- seekp()
- seekg()

**Question:** What is the name of function whose name is same as the name of the class with no return type?

- **Constructor**
- Utility Function
- Friend Function
- Overloaded Function

**Question:** \_\_\_\_\_ is a programming construct in C/C++, which is used to access the same memory location in different ways.

- **Union .....TEAM HADI VU**
- Structure
- Loop
- Conditional Statement

**Question:** In \_\_\_\_\_ structure, statements written within the loop code block are executed at least once.

- Switch
- **Do-while .....TEAM HADI VU**
- While
- For

**Question:** What will be output of the following program?

```
int main()
{
int arr[2][2]={ {0,1},{2,3} };
cout<<arr[1][0];
}
```

- 1
- 2.....TEAM HADI VU
- 0
- 3



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