

MIDTERM EXAM ANSWER SHEET



NATIONAL UNIVERSITY
OF COMPUTER & EMERGING SCIENCES
LAHORE

FAST

Course OOP Answer Sheet No. 40384
Student's Name Zayan Ahmed Bhatti Signature Zayan. Ahd
Roll No. 23L-0951 Section BCS 2B Date 06/04/2024

Question No. 1

Part (a)

Person () Called.

~~Person / Y Called.~~

~~Copy Person Called.~~

Op = Called.

~~111 / 111111~~

Copy Person Called.

OP = Called.

~~Person 3: Name: Alice~~

~~Person 1: Name: Alice.~~

~~Person 2: Name: Alice~~

Part b

Obj 2 = 10

Box destroyed. Length was : 10

~~Obj 1 = 10~~

Box destroyed. Length was : 10

~~Obj 1 = 99 Printing ... 99~~

~~Box destroyed. Length was : 99~~

Question No. 2

```

Class / MyList {
    char** arr;
    int size;

Public:
    MyList () {

```

```

Class MyList {
friend ostream operator << (ostream &
MyList

```

```

Class MyList {
char
friend ostream operator << (ostream &
MyList);

```

```

char** arr;
int size;

```

```

MyList operator + (MyList & string);

```

```

Public:

```

```

MyList (char* list) {

```

```

    arr = new char[strlen(list) + 1];
    for (int i = 0; i < size; i++)
    { List = new int[size]; }

```

```

~MyList (char* list) {
    for (int i = 0; i < size; i++) {
        delete [ ] list;
    }

```



```
delete [] arr; }
```

```
MyList operator + ( MyList & string ) {  
    for (int i=0; i<4;  
        string.result ( *List + *string );  
        return result; }
```

```
MyList operator + ( MyList & *string )  
    string.result ( *List = *List + *string );  
    return result; )
```

```
MyList operator + ( MyList & *string )  
{  
    string.result ( *List + *string );  
    return result; }
```

```
MyList ( Person & string )  
    size1 = strlen ( string );  
{  
    for ( int i = 0; i < size1; i++ )  
    {  
        string  
        *List = *List + *string; }  
}
```

```
void  
MyList ostream << ( & MyList )  
    for ( int i = 0; i < size; i++ )  
    {  
        out << *List };
```