

FINAL TERM PAPER OF

CS201

20-02-2011

- Q1** what Automatic variable and why is called Automatic Variable? (5)
Q2 What is meant by inner class? Give example. (5)
Q3 What do you know about run time error? (3)
Q4 what are the limitations of friendship relation between classes? (3)
Q5 what is a converse constructor? (2)
Q6 write declaration statements for any array of 10 elements of type float .Include an initializing statements for the first four elements to 1.0, 2.0, 3.0 and 4.0. (2)
Q7 see the following code segment

```
Templet <class T>  
Class myclass {  
Private T  
Tx;  
Public;  
Myclass (Ta) {  
X=a;  
}  
};
```

Write the main function which create tow objects class for int and double data types. (3)

Q8 which one of the (copy constructor or assignment operator) will be called in each the following code segment

- 1) Matrix m1 (m2)
- 2) Matrix m1,m2;
M1=m2;
- 3) Matrix m1=m2; (Note: solution see in old papers) (3)

Q9 what is the source and destination of cin stream? (2)

FINAL PAPER OF CS201

- Q1** write down the general syntax of allocating memory dynamically to an array using new operator?
Q2 write down piece of code that will decide a matrix of 3*3 and utilize all its locations with 0.
Q3. what will be the out put of the following program

```
#include<iostream.h>  
#include <conio.h>  
Main()
```

Q 4 why stream insertion and stream extraction operators cannot be overloaded as member function?

Q 5 same as in above paper q no. 9