***CS304 Final Term Subjective 2012***

***what is iterator? and what is output and input iterator? marks 5  
dynamic and static binding marks 2  
Can a constructor throw an exception? How to handle the errors, when the constructor fails? marks 3  
Give three advantages that Iterators provide over Cursors. marks 3  
describe a way to declare a template function as a friend of any other class. marks 2  
There are some errors in the code given below, you have to Indicate the line no. with error/s Give the reason for error/s Correct the error/s. marks 5  
------------------  
1. What is graceful termination method of Error handling; give its example using C++.  
2. How can you describe Virtual destructor? Why Virtual destructor is used?  
3. Give the C++ code of template function to print the values of any type of array I int.this function will take 2 parameters one will be pointer and other will be will be size of array***