

Reg. No: _____

Name: _____

Time: 60 minutes

CS211 – Data Structures – Midterm

Max. Marks: 50

1) Briefly answer the following questions (in the given space) {20}

a) Why do we write `const` after a member function name? For example `void ClassName::Func() const { ... }`

b) What is a watch in an IDE? Why is it used?

c) How can we check in C++ if the file `c:\windows\settings.ini` exists on our computer or not?

d) What is stored in `argv[0]`?

e) Would `seek(-5, ios::end)` in a `fstream` object do?

{10}

};

[illegible]

- 3) Write an **ADT function** for the **linked structures based Stack ADT**, which deletes all the nodes in the stack having the **minimum** value. For example, if the stack contains 5, 2, 3, 2, 7, after calling the function, the stack should contain 5, 3, 7. The stack may contain any number of values. The function should not call any other function. The function should not take any parameter and should not return any value. {20}