

# SENG1120/6120 – Data Structures

## Marking sheet – Assignment 3 – Sem 2, 2020

STUDENT NAME:

MARKED BY:

STUDENT NUMBER:

DATE:

DEMO:

1. Program compiles and works correctly with the files provided

**A: Total (\_\_\_\_/15.0)**

REMOVE MARKS IF:

- Code leads to memory leaks during execution (\_\_\_\_/-1.0)
- Lack of / wrong use of macroguards (\_\_\_\_/-1.0)
- Lack of / wrong use of destructors (\_\_\_\_/-1.0)
- Lack of `const` qualifiers (\_\_\_\_/-1.0)
- Lack of documentation in the code (\_\_\_\_/-2.0)
- Lack of templates (\_\_\_\_/-5.0)
- Declaration of temporary variables as member variables of the class (\_\_\_\_/-1.0)
- Lack of use of dynamic memory allocation in `BTNode`/`BSTree` (\_\_\_\_/-10.0)
- Use of `friend` qualifier (\_\_\_\_/-2.0)
- Violation of encapsulation / information hiding (\_\_\_\_/-5.0)
- Correctness of submission, filenames and format (\_\_\_\_/-5.0)
- Concrete implementation in header file (and not in `.cpp`) (\_\_\_\_/-2.0)
- Lack of use of recursion for `BSTree` functions, etc. (\_\_\_\_/-3.0)
- Any other issues (\_\_\_\_\_)

**C: Total Deductions (\_\_\_\_\_)**

**FINAL MARK: \_\_\_\_\_**

Comments: