Marking Scheme

Quiz Paper

BSc CE

Algorithms and Data Structures (630231)

Third Quiz   First semester   Date: 17/01/2011

Section 1

Weighting 5% of the module total

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Marking Assignments

Question 1 This question is attributed with 5 marks if answered properly; the answers are as following:

Question 1.a *(2.5 marks)*
Solution:
a) findMin

```
template <class Comparable>
BinaryNode<Comparable> *
BinarySearchTree<Comparable>::findMin( BinaryNode<Comparable> *t ) const
{
    if( t == NULL )
        return NULL;
    if( t->left == NULL )
        return t;
    return findMin( t->left );
}
```

Question 1.b *(2.5 marks)*
Solution:
● Similarly for findMax