

[5 MARKS]

We have provided you with a file called **Q1_answers.txt**. Add your answers to that file and hand it in on MarkUs.

Part (a) [2 MARKS]

Suppose you are implementing a method and the method has a precondition. Does that precondition impact your work? Answer YES or NO. If yes, explain how, and if no, explain why not

Part (b) [3 MARKS]

Complete the following hypothesis test so that it checks one aspect of `list.extend`.

```
@given(lists(integers()), lists(integers()))
def test_extend(lst: List, new: List):
    """Test that . . .
    """
    # TODO: Complete the docstring description and implement this function.
```