

National University of Singapore
School of Computing
CS1010S: Programming Methodology

Mock Finals

You have only **1 hour and 30 minutes** to solve all **FOUR (4) questions**.
The maximum attainable score is **80**. Good luck!

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Question 1: Python Expressions [25 marks]

There are several parts to this problem. Answer each part **independently and separately**.

In each part, the Python snippet is entered into a Python script and then run. Determine the response printed by the interpreter (Python shell) and **write the exact output**. If the interpreter produces an error message, or enters an infinite loop, explain why and **clearly state the responsible evaluation step**.

A. `Yo`

[5 marks]

B. `"foo"`

[5 marks]

C. `bin`

[5 marks]

D. `NameError`

[5 marks]

E. `print`

[5 marks]

Question 2

A.

Question 3

A.

Question 4

INSTRUCTIONS: Please read the entire question clearly before you attempt this problem!! You are also not to use any Python data types which have not yet been taught in class.

A.

Appendix