Year 10 Mock Exams – November 2026

Subject	Computer Science	
Title/Topic	**Format**	**Length**
Part 1 – Programming Techniques	Short Answer	45 mins
Part 2 – Writing programs	Written paper with coding-like questions	45 mins

In this Advent assessment I will be asked to show I can…

<u>Part 1 – Answering short questions</u> about all of the programming techniques and terminology introduced so far including-

- Variables and Datatypes
- Arithmetic, Comparative and Boolean operators
- Programming constructs – Sequence, Selection and Iteration
- Selection – If Elif Else
- Iteration – For and While loops
- Casting Functions
- Lists and Arrays of data

<u>Part 2 – Writing Python code for problems</u> that may include-

- Creating variables to store different types of data
- Output messages to the user and read in responses (print/input)
- Using iteration such as FOR loops and WHILE loops
- Using selection (IF ELSE) to provide different pathways in a program
- Use of different operators – Mathematical, comparative and boolean
- Use of casting techniques such as str(), int() and float()
- Use of functions and procedures
- Use of lists/arrays for storing multiple pieces of data

What should I do to revise and prepare for this assessment?
Use the class booklet and knowledge sheets to revise key terms and knowledge. Complete the revision homework tasks and practice questions Complete the coding practice challenges on GoCodeIt.online

What useful websites/resources could I use to help me prepare?
You can access your files at home via your Office 365/OneDrive