ST. MARY'S *Catholic High School, Dubai*

FINAL EXAMINATION PORTION – MAY/JUNE 2022
COMPUTING - YEAR 7

1. Computational Thinking

1.1. What is computational thinking?

1.2. Pattern Recognition

1.3. Flow charts

1.4. Selection and if... then... statements

1.5. Loops

4. Introducing Python

4.1. Begin Python

4.2. Create and run a program

4.3. Variables

- Variables and data types

- Input a value

- Write a simple program using variables and data types

4.4. Plan a process

- Write a program with input, process and output

- Write a program with arithmetic operators

4.5. Your answer: right or wrong

- Use of relational operators in programs

- Use of mathematical/logical operators in programs

5. Information Technology

5.1   Hardware: Understanding input devices

5.2   Identifying output and storage devices

5.3   Understanding software

5.4   Connecting computers together

5.5   Staying safe on the Internet

6. Creative Communication

6.1   Staring HTML

6.2   Using Tags

6.3   Formatting text

6.4   Designing your webpage

6.5   Creating a webpage

NOTE: REFER TEXTBOOK, POWERPOINT PRESENTATIONS AND WORKSHEETS POSTED IN GOOGLE CLASSROOM