Computer Genius!

Worksheet 1

Name: ....

Roll No: .... Class: .... Section: ....

Date: ....

ADVANCED MAKECODE ARCADE

Chapter-5

A. Tick (✓) the correct option.

1. What does the 'continue' statement do?

   a. Starts a loop ☐   b. Ends a loop ☐

   c. Skips to next iteration ☐   d. Restarts a loop ☐

2. Where are custom functions defined in MakeCode?

   a. Math blocks ☐   b. Loop blocks ☐

   c. Advanced blocks ☐   d. Logic blocks ☐

3. What do text blocks allow generating?

   a. Images ☐   b. Dialogue ☐

   c. Scores ☐   d. Levels ☐

4. Which blocks help debug code in MakeCode?

   a. Variable blocks ☐   b. Extension blocks ☐

   c. Console blocks ☐   d. Info blocks ☐

B. Fill in the blanks using the hints given below.

Hints: Game blocks, Else, Loops, Continue

1. .... pauses the current loop iteration and moves to the next one.

2. Complex algorithms use .... to reduce repetitive steps.

3. .... helps manage game timelines and win/lose conditions.

4. The .... clause executes when an 'if' condition is false.

C. Write 'T' for true and 'F' for false.

1. Nested loops have multiple layers of loops. ....

2. Variables hold fixed values that cannot change. ....

3. Data types restrict what values a variable can store. ....

4. The while loop runs indefinitely without an exit criteria. ....

Class -7

Grade: ⭐ ⭐ ⭐ ⭐ ⭐

Teacher's Signature: ....