Puna International School
Shree Swaminarayan Gurukul, Zundal

Class -VI
Super Computer
Exercise Corner
Specimen Copy
Year- 2020-21

Ch-8 Programming with QBasic

❖ **Focus of the chapter**

1. Computer program

2. Starting Qbasic

3. The Qbasic window

4. Creating a new program

5. Saving a program

6. Opening a saved program

7. Elements of QBasic

8. Constants and variables

9. Rules for naming variables

10. Operators

11. PRINT, LET, END, CLS, REM, INPUT statements

❖ **Keywords**

➢ **Character set –** a set of symbols used to write in a programming language.

➢ **Keywords –**words that have a defined function in QBasic

➢ **Constants –**values that do not change during the execution of a program

➢ **variables –** named memory locations that contain values

➢ **Operators –** symbols that indicate the type of operation QBasic has to perform

➢ **Statements –** instructions or commands given to the computer to perform a task.

❖ **Checkpoint 1**

Identify valid and invalid numeric constants. State reason, if invalid. A few have been solved

for your help.

Numeric Constant	Valid/Invalid	Reason(if invalid
7.5	Valid	
"56"	Invalid	Double quotes are not allowed in numeric constants.
3.65	Valid	
"890"	Invalid	Double quotes are not allowed.
8	Valid	
7,00,000	Invalid	A comma is not allowed in numeric constants.

❖ **Checkpoint 2**

Identify valid and invalid string constants. State reason, if invalid. A few have been solved for your help.

String Constant	Valid/Invalid	Reason(if invalid)
"Computer"	Valid	
67	Invalid	Double quotes are missing
"I am enjoying learning"	Valid	
"Taj	Invalid	Double quotes are missing
"78"	valid	

❖ **Exercise Corner**

A. Tick (✓) the correct answers.

1. Which of the following does a computer understand?

A. machine language

2. Which of the following is the full form of BASIC?

A. Beginners All Purpose Symbolic Instruction Code

3. Which of the following is not a statement in QBasic?

A. CLEAN SCREEN

4. Which of the following is a correct statement in QBasic?

A. LET N$ = "School"

B. **Fill in the blanks.**

1. Compilers and Interpreters translate a program written in a high-level language into machine code.

2. A keywords has a defined function in QBasic.

3. A String variable name always ends with the $ sign.

4. AND is a logical operator used in QBasic.

5. The Input statement is used to get values for the variables from the user.

Extras

➢ **Tick(✓) the correct answers.**

1. Which of the following components of QBASIC displays the name of the current program?

    a. Menu Bar   b. Title Bar   c. Program Area   d. Status Bar

2. Which of the following languages does a computer understand ?

  a. machine language   b. high – level language

  c. assembly language   d. BASIC language

3. Which of the following components of QBASIC is the area where you type the program.?

a. Menu Bar   b. Title Bar   <u>c. Program Area</u>   d. Status Bar

4. Which of the followingbars is present at the bottom of the screen?

a. Menu Bar   b. Title Bar   c. Program bar   <u>d. Status Bar</u>

5. Which of the followings is correct logical operator?

<u>a. AND</u>   b. NO   c. ABOUT   <u>d. NEVER</u>