

CHAPTER 9 - INTRODUCTION TO QBASIC



A. Multiple Choice Questions.

- QB64 was developed by:
(a) JG Kemeny (b) TE Kurtz (c) both of these
- The extension of a QB64 program file is:
(a) .qb (b) .qbas (c) .bas
- _____ sign is added at the end of a string variable.
(a) \$ (b) & (c) %
- Statement used to give remarks in a program :
(a) CLS (b) REM (c) END
- _____ key is used to run a program.
(a) F5 (b) F6 (c) F8

B. Fill in the blanks.

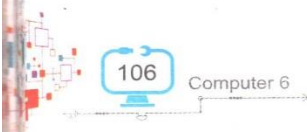
- BASIC stands for Beginner's all purpose Symbolic instruction code
- QBASIC is an example of High level programming language.
- Values that do not change during the execution of a program are called constants.
- String constants must be enclosed in double quotes
- The hierarchy in which operators are executed in QBasic expression is called BODMAS.

C. State True or False.

- Character set is a set of symbols that is used to write a program in QBASIC. True
- Variables are the names given to the memory locations where the constants are stored, false
- X=1.3 is a valid statement. True
- Addition and subtraction operations come first in Basic hierarchy. false
- The variable name must begin with a number. false

D. Write one word for the following.

- Statement used to display the output on screen. PRINT
- Operators used to compare two values. RELATIONAL
- Default name of the program. UNTITLED
- Value which does not change during the execution of a program. CONSTANT



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① what does BASIC stand for? who developed it?

BASIC stands for Beginner's All Purpose Symbolic Instruction Code. It was developed by Prof. Jay Kemeny and Prof. TF Kurtz in 1964.

② mention the ways to run a QB64 program?

By Pressing F5 key.

or

Select run menu and click on start option.

③ Define constants? Also explain the types of constants.

The value which does not change during the execution of a program is called a constant.

Two types of constants :-

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(a) Numeric Constants.

Numeric value such as real, integer like positive or negative.

(b) String Constants.

Set of characters is called a string.

(4) Differentiate between arithmetic and relational operators.

Arithmetic operators used to perform arithmetic operations and calculations
example - $+$, $-$, $*$, $/$, \wedge

Relational operators are used to compare two values.

example - $=$, $<$, $>$, $>$, $<$, $>=$, $<=$

(5) Explain any three QBASIC statements?

LET statement :-

It is used to assign or give a value to a variable.

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PRINT statement :-

used to display any message or result on the screen.

INPUT statement :-

used to take a value from the user and store it in a variable.