

4. **Operators** : Operators are symbols that indicate the type of operation that is performed on constants or variables.

Que. E Differentiate between the following :

1. **Constant** : Constants are the data or the values in a program that can not be changed during the program execution. The data may be letters, words , numbers or special characters.
 - ❖ **Variable** : Variables are data values which can be changed. A variable is the name given to memory location that has a value.
2. **IF-THEN-ELSE** : IF-THEN-ELSE command is used to check a particular condition whether it is true or false.
Syntax : IF [Condition] THEN [Command] ELSE [Command]
 - ❖ **ELSE IF Command** : This command is used when multiple conditions are involved.
Syntax : IF [Condition 1] THEN [Command 1]
ELSEIF [Condition 2] THEN [Command 2]
ELSE [Alternative Condition]
ENDIF

Que. F Answer in one-word :

1. **What do you mean by Basic-256?**

Ans : BASIC-256 is an easy to use version of BASIC Programming language. It has a built-in graphics mode which lets the user draw pictures on screen in minutes.

2. **Name the parts of Basic-256 Window.**

Ans : The Parts of BASIC-256 window are :

Menu bar , Program Area , Toolbar , Text Output Area , Graphics Output Area

3. **What is the use of Input command ?**

Ans : INPUT command is used to enter data assigned to the variable given within the program while it is running.

Syntax : INPUT "Message " , Variable name.

4. **What is the use of Print statement?**

Ans : PRINT command is used to display text on the screen , Whatever message you want to display, you must put it in double quotes after the PRINT command.

Syntax : PRINT [Expression list]

Extra Notes

Answer in one word :

1. What is the full form of BASIC ?

Ans : Beginners All-purpose Symbolic Instruction Code.

2. What is called a set of words, instructions, abbreviations and symbols that tells a computer what to do?

Ans : Programming Language

3. Which menu allows you to execute and debug your program?

Ans : Run Menu

4. Which menu option will display a pop-up dialog with information about BASIC-256?

Ans : Help Menu

5. Which area will display the output of your program?

Ans : Text Output Area

6. Which area will display pictures, shapes and graphics that you create using the program ?

Ans : Graphics Output Area

7. What are called the data values can be changed?

Ans: Variables

8. Which variables can be formed by letters as well as digits?

Ans: Numeric Variables

9. Which operators are used to perform mathematical calculations like addition, subtraction, division, multiplication and exponential?

Ans : Arithmetic Operators

10. Which operator are used to compare two values of the same type?

Ans : Relational Operators

11. Which operators are used to combine two or more relational expressions?

Ans : Logical Operators

12. Which constants include numbers that can have decimal points and can be positive or negative?

Ans : Numeric Constants

13. Which constants are made up of letters, special characters, and blank spaces?

Ans : String Constants

14. What is called a single command?

Ans : Statement

15. Which command is used to assign the value or data to one or more variables at the time of execution?

Ans : Input Command