



**DR. VIRENDRA SWARUP PUBLIC SCHOOL, KALYANPUR**  
**Session 2021-22**  
**Class VII**  
**Computer Worksheet**

**Fill in the blanks:**

- a. You input the data to your computer and it does \_\_\_\_\_ to provide you with output.
- b. A \_\_\_\_\_ is a set of instructions that specifies how to perform a computation.
- c. A \_\_\_\_\_ is a computer language that uses alphabets, numbers and special symbols for coding.
- d. \_\_\_\_\_ refers to the grammatical rules to be followed while writing a program.
- e. \_\_\_\_\_ is beneficial for testing code where you type the command one at a time and get the result or error immediately.
- f. A \_\_\_\_\_ can store only one data value at a time.
- g. A \_\_\_\_\_ is a word that conveys a special meaning to the computer.
- h. \_\_\_\_\_ data type represents floating point value (number with fractional part).
- i. \_\_\_\_\_ are symbols that perform arithmetic and logical operations on operands and provide a meaningful result.
- j. \_\_\_\_\_ operators operate on only one operand.
- k. String operator '+' is also termed as \_\_\_\_\_ operator.
- l. String operator '\*' is also termed as \_\_\_\_\_ operator.
- m. \_\_\_\_\_ operator is used to assign the value of an expression to a variable.
- n. \_\_\_\_\_ tells the direction of execution of operators (Left to Right or Right to Left).

- o. An \_\_\_\_\_ is a well-defined step-by-step procedure or a way to write a program.
- p. \_\_\_\_\_ statements enable the execution of a set of statements to repeat till the condition is true.

### **State True or false:**

- a. Python is a low level language.
- b. Python is a case sensitive and high level language.
- c. Interactive mode of Python is beneficial for testing code.
- d. Once a value is assigned to a variable, it cannot be changed later.
- e. Python keywords can also be used as variable name.
- f. A script is a program that you type in python.
- g. **.py** is the extension of Python files.
- h. When you use '\n' as the separator among the values, the values are displayed with a tab space between them.
- i. Relational operators are used to compare the values or expressions.
- j. Logical operators work on the statements to set the relation between them.
- k. The order in which the operators are evaluated is called associativity.
- l. The 'if' statement is used when we have to evaluate only one condition.
- m. A Flowchart is a well-defined step by step procedure to write a program.
- n. Binary operators operate on three operands.
- o. Floor division (//) is used to divide the numbers and give an output in the decimal form
- p. There are mainly three types of Boolean operators, i.e. AND, OR, NOT.

### **Match the Followings:**

**A**

1. Input () function
2. Print() function
3. '\n'
4. '\t'
5. Boolean(bool)
6. F5 key
7. Assignment operator (=)  
screen
8. Interpreter  
them

**B**

- A. newline character in Python
- B. represents logical values in the form of *True* /*False* (0)
- C. to run a module/program in python
- D. execute the command/program line by line
- E. used to accept the value for a variable from user
- F. assign a value to a variable in python program
- G. used to display the output of any command on the screen
- H. used to display values with a tab space between them

**Write the below code in Python:**

- Write a program to display the name of the day according to the number given by the user.
- Write a program in Python to display the name of a colour on the basis of corresponding colour code.
- Write a program in Python to enter a number and check if the number is positive or negative.