



# SHREE VASISHTHA VIDHYALAYA.



## Computer Worksheet 2024-25

Name : - \_\_\_\_\_

Std :- V - \_\_\_\_\_

Roll No. :- \_\_\_\_\_

Worksheet No : PA1-02


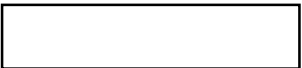
Date : - \_\_\_\_\_

### Ch.7 Programming Basics

#### Q-1 Fill in the blank.

- 1) Machine language is also known as \_\_\_\_\_.
- 2) Natural language is often associated with \_\_\_\_\_ and \_\_\_\_\_.
- 3) \_\_\_\_\_ and \_\_\_\_\_ are language processor.
- 4) The \_\_\_\_\_ is a program used to translate assembly languages.
- 5) \_\_\_\_\_ language is known as first generation language.
- 6) \_\_\_\_\_ language is known as third generation language.
- 7) \_\_\_\_\_ language is known as fourth generation language.
- 8) \_\_\_\_\_ language is known as fifth generation language.
- 9) \_\_\_\_\_ language programs are machine-dependent.
- 10) \_\_\_\_\_ language programs are machine-independent.

#### Q-2 Tick the (✓) correct answers.

- 1) \_\_\_\_\_ language was used in the first generation of computers.  
a) Cobol                      b) machine                      c) Fortran
- 2) The step-by-step procedure to solve any problem is called \_\_\_\_\_.  
a) Steps                      b) Algorithm                      c) Flowchart
- 3) The symbol denotes   
a) Processing box                      b) Start/stop box                      c) Input / Output box
- 4) The symbol denotes   
a) Input / Output                      b) Start/stop                      c) Process
- 5) Which of the following is not an advantage of a flowchart?  
a) Better communication                      b) Improper documentation                      c) Systematic testing
- 6) A set of instruction that should be followed to perform a specific task to solve such as problem solving.  
a) Algorithm                      b) Flowchart                      c) Pseudo code
- 7) A sequence of instructions that repeats itself a specified number of times until a particular condition is met.  
a) loop                      b) condition                      c) sequence
- 8) In how many categories, computer languages are classified?  
a) One                      b) Two                      c) Three

9) Which language does not need a translator?

a) Machine

b) Assembly

c) Natural

10) \_\_\_\_\_ converts source program to machine language.

a) Language processor

b) Assembler

c) None of these

**Q-3 Write true or false.**

1) High Level language is machine-independent. \_\_\_\_\_

2) Assembler is used to translate the Assembly Language in to machine language. \_\_\_\_\_

3) Natural Languages are associated with expert systems and AI. \_\_\_\_\_

4) Flow chart is a step-by-step procedure to solve any task. \_\_\_\_\_

5) High Level Languages directly understood by a computer without any translation. \_\_\_\_\_

6) Connector is used to join a part of a flowchart. \_\_\_\_\_

7) Direction of flow, in a flowchart, should be from top to bottom and left to right. \_\_\_\_\_

**Q-4 Draw the flowchart for given algorithm.**

**1. Algorithm:**

Step 1: Start

Step 2: Take two sides

Step 3: Calculate area by multiplying  
two sides

Step 4: Print the area

Step 5: Stop

**2. Algorithm:**

Step 1: Start

Step 2: Take two numbers

Step 3: Multiply two numbers

Step 4: Print the result

Step 5: Stop