

ST. THOMAS SCHOOL
WORKSHEET **COMPUTER**
CLASS VI

Q I) Give one word answer for the following :

- a) A process using straight facts in order to solve problems.
- b) A set of step-by-step instructions given to the computer to do a certain task.
- c) A computer language used by programmers to develop applications for computers.
- d) Sequence of steps written in English language to solve a problem.
- e) A diagram that displays the sequence of steps to be taken to find the solution of a problem.
- e) Command blocks for setting the color, size and visibility of a sprite.
- f) A hat block used to execute the scripts by pressing any key or clicking an icon.
- g) Command blocks to move or turn the sprite.
- h) Blocks used for mathematical calculations.
- i) Adding music while sprite is performing on the stage

Q II) Define :

1. Stage 2.Sprite 3.Scripts Area 4.stage area 5.Backdrops 6. Flow Chart 7. Algorithm 8.Programming

Q III) Rewrite the following false statements correctly.

- 1) Scratch is available only in English language.
- 2) Penguin is the official mascot of Scratch software.
- 3) Positive numbers cause the movement in the back direction of the sprite facing side.
- 4) Only one sprite is allowed in a script..
- 5) Flowchart is drawn before writing the algorithm but after writing program.
- 6) The Start, Decision and Stop symbols should always be there in a flowchart.
- 7) Algorithm is written on a computer with the help of word processor.

Q IV) Answer the following :

- 1) What do you mean by logical thinking?
- 2) What are the steps involved in logical thinking to solve a problem?
- 3) What is Computer Programming and what are the reasons for learning it?
- 4) What is Algorithm and its usage?
- 5) Explain Flow Chart and its purpose.
- 6) What is Scratch?
- 7) Why Scratch is easier to use for beginners as compared to other programming languages available for beginners?
- 8) How can we command our sprite?

Q V) Draw the flowchart symbols for the instructions given below.

- a) To check whether the input name is Male or Female.
- b) To repeat the process.
- c) To calculate the area of square.
- d) To end the process.
- e) To feed your name.

Q VI) Write the algorithms for the following jobs.

- 1) To prepare instant noddles.
- 2) To calculate the petrol mileage of the car.