

Class III Computer Worksheet
Chapter – 8 [Introduction To Scratch]

A. Fill in the blanks:

1. ----- is one of the easiest computer languages.
2. A computer follows stepwise instructions to complete any task, which is known as -----.
3. ----- is a graphic character which moves on the stage.
4. The blocks in the ----- block allow the Sprite to draw lines on the stage, change the colour and thickness of lines.
5. In Scratch, the Sprite moves on the ----- when you run a program.

B. Multiple choice questions:

1. Scratch 2.0 was officially released on ----- 2013.
(a) July 4 (b) May 9 (c) June 2
2. ----- contains the set of blocks, which are used to program the Sprite.
(a) Blocks Palette (b) Stage (c) Scripts Area
3. ----- block draws a line as the Sprite moves on the stage.
(a) Pen down (b) move 10 steps (c) turn ↻ 15 degrees
4. Who is the founder of Scratch?
(a) James Gosling (b) Tim Berners-Lee (c) Mitchel Resnick

Answers:

Fill in the blanks:

1. Scratch
2. Program
3. Sprite
4. Pen
5. Stage

True or False

1. False
2. False
3. True
4. False
5. True

Application based question:

1. move () steps or move (20) steps
2. set pen size to ()

M C Q :

1. (b) May 9
2. (a) Blocks Palette
3. (a) pen down
4. (c) Mitchel Resnick

Label the parts of the Scratch window:

Page no 89 – Figure 8.2: Components of Scratch

Answer the following:

1. What do you know about Scratch?

Ans. Scratch is one of the easiest computer languages. Children can use Scratch to create their own games, animated stories and projects with great ease.

2. Explain the term Sprite.

Ans. Sprite is a small graphic character that performs action in a Scratch project. Scratch provides a number of in-built Sprites. Cat is the default Sprite in Scratch.

3. Explain any two main parts of Scratch window.

Ans. Two main parts of Scratch window are:

- Stage : It is the main working area where the Sprite moves and performs actions as per the given instructions. Here you can watch stories, play games and run Scratch projects that you have created.
- Blocks Palette: Blocks palette contains the set of blocks, which are used to program the Sprite and give actions to it. Each block performs specific tasks in a project. It is used to create scripts in Scratch. The blocks connect to each other just like a jig-saw puzzle.

4. What is the use of Pen block menu?

Ans. The blocks in the Pen block menu allow the Sprite to draw lines on the stage, change the colour, and thickness of lines.
