

**CHAPTER: 7**  
**AN INTRODUCTION TO SCRATCH**

**Page no 84. Write T for True or F for False ( 1, 2, 3, 4, 5, 6 )**

1. True 2. True 3. False 4. False 5. True 6. False

**Page no 92. A. Tick ( ✓ ) the correct answers. ( 1, 2, 3, 4, 5 )**

1. a. 2.0 2. c. Cat 3. b. 10 4. a. Blue 5. d. x:0 y:0

**B. Fill in the blanks. ( 1, 2, 3, 4, 5, 6 )**

1. MIT Media Lab 2. stage 3. dark-green 4. -240 5. -180 to 180 6. costume of a sprite

**C. Match the following blocks with their functions. ( 1, 2, 3, 4, 5 )**

- |   |                               |
|---|-------------------------------|
| 1. Moving few steps →                   | d. move 10 steps.             |
| 2. Drawing on the stage →               | a. pen down                   |
| 3. Playing a drum →                     | e. play drum 1 for 0.25 beats |
| 4. Turning the sprite →                 | b. turn 15 degrees            |
| 5. Changing the costume of the sprite → | c. next costumes              |

**Short Question type : -**

**1. What is a sprite in Scratch?**

→ A sprite is a small cartoon character present on the stage of the Scratch window.

**2. How many block menus are there in the blocks palette?**

→ There are ten block menus in blocks palette.

**3. Name the block menu that has dark-green colored blocks?**

→ Pen blocks menu has dark-green colored blocks.

**4. Name the different parts of scratch window?**

→ The Scratch window has many parts such as sprite, stage, blocks palette, script area and script.

**5. What is scratch?**

→ Scratch is a programming language created for children to understand the basics of computer programming.

**Long type question: -**

**1. Briefly explain the process of creating a script in Scratch.**

→ A script is created by the following three basic steps in Scratch these are: -

- i. Click on any block menu from the blocks palette to open its block list.
- ii. Drag the required block from the block list and drop it on the script area.
- iii. Edit the white editable field of the block as per the script or program.

**2. Explain the purpose of the Motion block menu.**

→ Motion blocks are one of the ten categories of Scratch blocks. The Motion menu contain blocks that are used to makes the sprite do various movement on the stage.