

# Worksheet

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Name: .....

Roll No: ..... Class: ..... Section: .....

Date: .....

## ANIMATION IN SCRATCH

### Chapter-9

#### 1. Write short notes on the following:

- Sensing blocks
- XY Plane
- Cap Block
- Boolean Block
- Ask and wait

#### 2. Application based questions.

- Divya wants to turn the sprite 90 degree clockwise and move 100 steps ahead. Which two programming blocks can she use to do so?
- Niharika wants to change the colour of sprite each time the loop is executed. When category of blocks helps her in doing the task?

#### 3. Answer the following questions:

- What are conditional blocks?
- What is Reporter Block?
- What is Stack Block?
- What is origin?
- Write any four common tools in Paint Editor Toolbar.
- How is the repeat block different from the repeat until block?

#### 4. Match the following blocks with their description:

(a)

(i) Moves sprite to specified xy position according to the set time frame.

(b)

(ii) Shows y-axis position of sprite.

(c)

(iii) Moves sprite to specified xy position.

(d)

(iv) Changes position of sprite on x-axis by specified no. of steps.

(e)

(v) Shows x-axis position of sprite.

(f)

(vi) Changes position of sprite on its axis according to the specified position.