

WORKING OF A COMPUTER

A. Rearrange the letters to get the meaningful words.

1. SEAKEPRS
.....
2. NITROMO
.....
3. INPRTRE
.....
4. OTUPTU
.....
5. ROPSECSGNI
.....

B. Write Input, Process and Output under the pictures given below:

1.



.....



.....



.....

2.



.....



.....



.....

3.



.....



.....



.....

C. Answer the following questions:

1. What is the use of output devices?
.....
.....

2. What is the use of a processing device?
.....
.....



Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

WORKING OF A COMPUTER

A. Guess who am I.

1. I works on the IPO cycle. I am
2. I am the main processing device that works on the input. I am
3. I am the device which helps you to get result. I am

B. Write 'T' for true and 'F' for false.

1. The instructions that we give to the computer are called input.
2. The devices that are used to enter data into the computer and give orders are called output devices.
3. Keyboard is an example of input device.
4. A computer works on ITO cycle.

C. Fill in the blanks using the hints given below:

Hints: Sprocessing, devices, IPO, Output

1. The working of the computer is called
2. A computer is made up of many parts. These parts are also known as
3. The devices that are used to get the results are called devices.
4. Computer works on cycle.

Name: _____

Roll No: _____






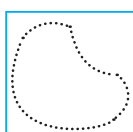
Class: _____ Section: _____ Date: _____

MORE ON PAINT

A. Write the shortcut keys:

1. To copy a part of the drawing
2. To Zoom In
3. To rotate an image
4. To cut a part of the drawing

B. Look at the icons and write their names.

- | | |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 1.  | 2.  |
| 3.  | 4.  |
| 5.  | 6.  |

C. Answer the following questions:

1. What is the difference between Copy/Paste and Cut/Paste?
.....
2. What is the use of Flip image?
.....
3. Write the steps to select an image in rectangular form.
.....

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

MORE ON PAINT

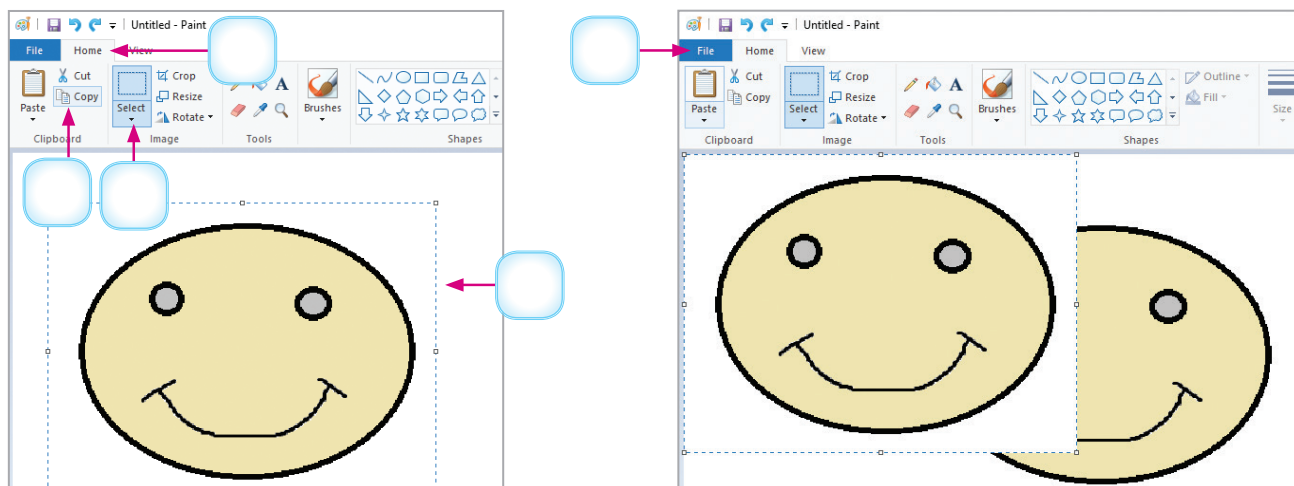
A. Match the following:

- | | |
|-----------------------------------------|------------------------|
| 1. Bigger and closer look | a. Free-Form selection |
| 2. Mirror image of the drawing | b. Zoom tool |
| 3. Select the drawing in irregular form | c. Flip command |

B. Write 'T' for true and 'F' for false.

- Cut and Paste commands delete the image from one place and paste it to another place.
- Zoom tool is used to get the closer and bigger look of the drawing.

C. Label the steps to Copy/Cut and Paste the image in Paint.



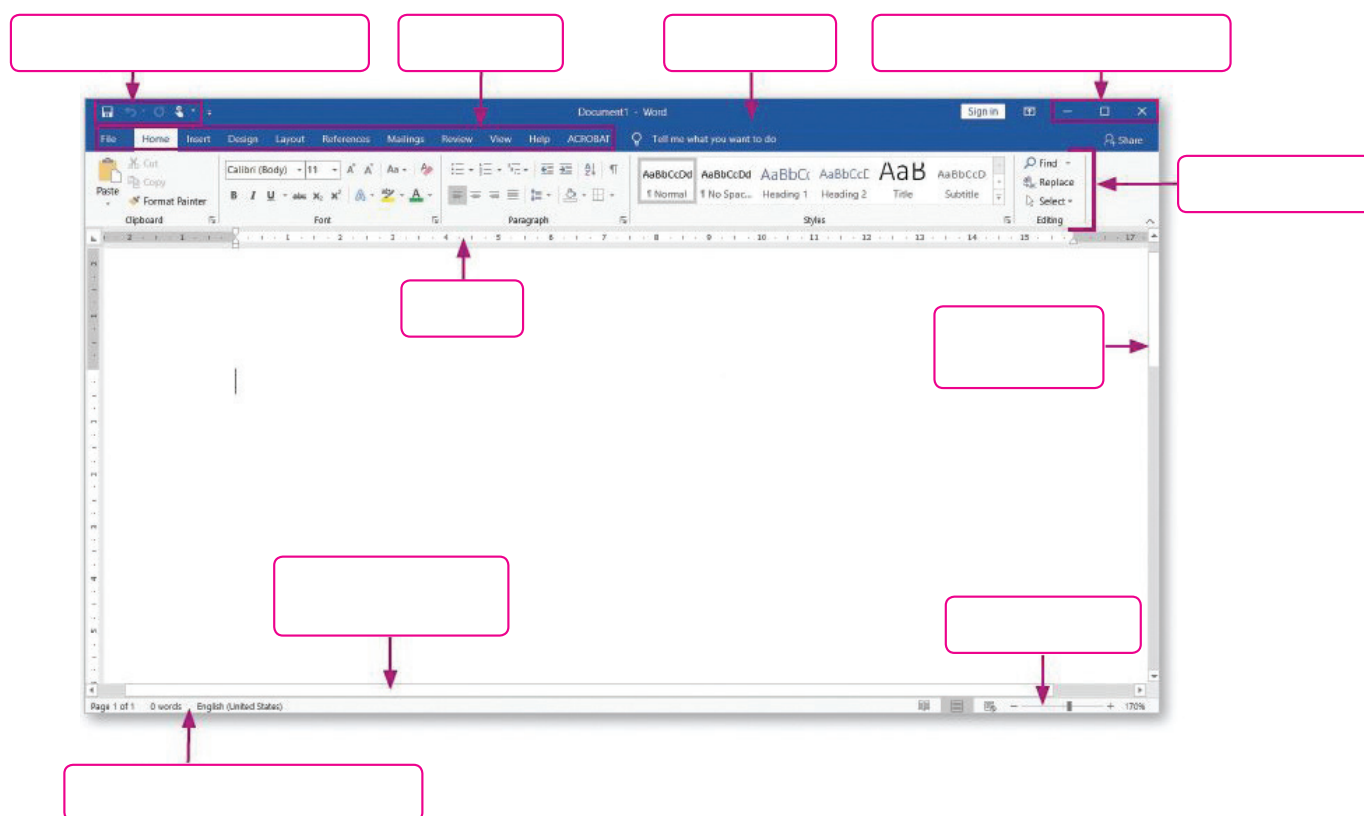
Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

INTRODUCTION TO WORD 2016

A. Label the components of Word 2016 Window.



B. Answer the following questions:

1. How can you select the text?

.....

2. Write one difference between inserting text and deleting text.

.....

3. Write steps to exit from Word 2016.

.....

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

INTRODUCTION TO WORD 2016

A. Match the following:

- | | |
|------------------------------------------------------|----------------|
| 1. displays the name of a program | a. Zoom slider |
| 2. made up of tabs and groups | b. Cursor |
| 3. blinking vertical line | c. Ribbon |
| 4. used to enlarge and reduce the size of the window | d. Title bar |

B. Complete the steps to print in a document.

Step 1: Click on the tab.

Step 2: Click on the option.

Step 3: Click on the button.

C. Answer the following questions:

- What are rulers?
.....
- How will you select a single word and a sentence using the mouse click?
.....
- Write the steps to create a new document.
.....

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

REASONING AND ANALYSIS

A. Tick (✓) the correct options.

1. Complete the pattern:

5, 10, 15, ?

a. 20

☐

b. 33

☐

c. 25

☐

d. 30

☐

2. What is 7 less than 56?

a. 45

☐

b. 49

☐

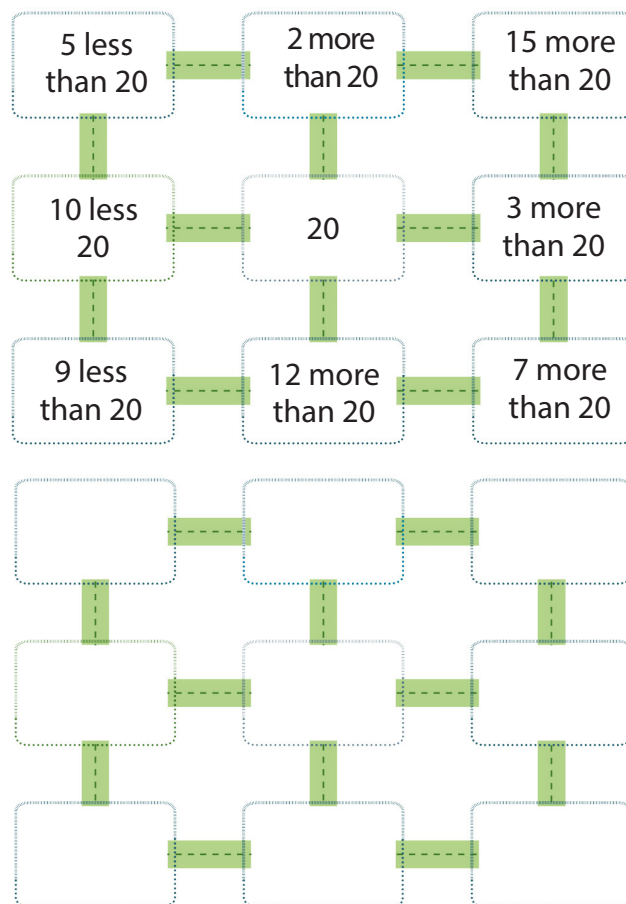
c. 50

☐

d. 53

☐

B. Read the instructions and solve the puzzle.



Name: _____
Roll No: _____
Class: _____ Section: _____ Date: _____

Chapter-4





CLASS 2

REASONING AND ANALYSIS

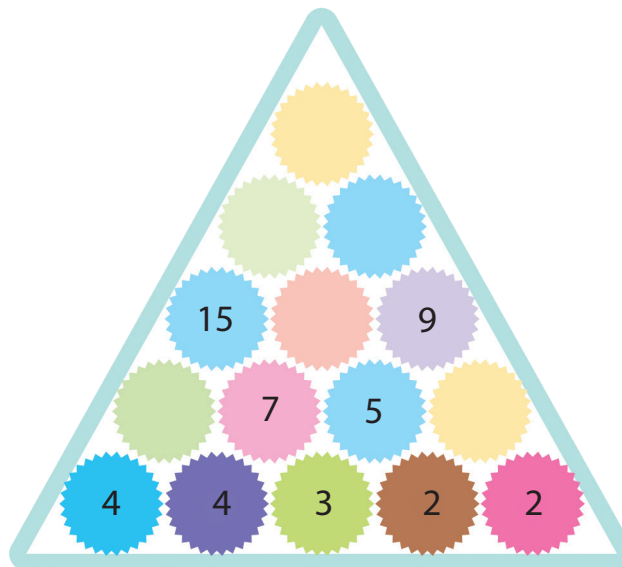
A. Look at the pattern:



What comes next in the pattern?

- | | | | |
|----------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------|--------------------------|
| a.  | <input type="checkbox"/> | b.  | <input type="checkbox"/> |
| c.  | <input type="checkbox"/> | d.  | <input type="checkbox"/> |

B. Fill in the missing numbers in the pyramids below:



Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

MORE ON GOOGLE BLOCKLY GAMES

A. Fill in the blanks using the hints given below:

Hints: Rotate the pen, rotation, Run Program, Home page

1. Click on button to see if the drawing is complete or not.
2. The turtle game is used to
3. The Bird game teaches the concept of by an angle.
4. After completing the ten levels of the Bird, the automatically appears on the screen.

B. Write 'T' for true and 'F' for false.

1. The bird game has five levels.
2. In bird game, you can change the angle of turning.
3. Turtle game is used to repeat actions using variable blocks.
4. The Bird game in Blockly teaches users how to rotate by angles.

B. Identify the icons and write the names of games in the blanks.

1. 
2. 
3. 
3. 

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

Chapter-5

CLASS 2

MORE ON GOOGLE BLOCKLY GAMES

A. Match the following:

- | | |
|---------------------------------------------------------------------------------------------------------|----------------------|
| 1. This game is used to change instructions in the variable blocks. | a. turn...by |
| 2. This game is used to repeat actions using loops. | b. repeat...times do |
| 3. This block is used to make the turtle repeat tasks given inside the block for given number of times. | c. Turtle game |
| 4. This block rotate the turtle in left or right direction by given angle | d. Bird game |

A. Define the following blocks:

- turn...by block.
.....
- move...by block.
.....
- repeat...times do.
.....

B. Write the output of the following codes:

- ```
repeat 3 times
do
 move forward by 100
 turn right by 120°
```

.....

.....
- ```
repeat 4 times
do
  move forward by 100
  turn right by 90°
```

.....

.....
- ```
repeat 5 times
do
 move forward by 100
 turn right by 72°
```

.....

.....

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

Roll No: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

## MORE ON SCRATCHJR

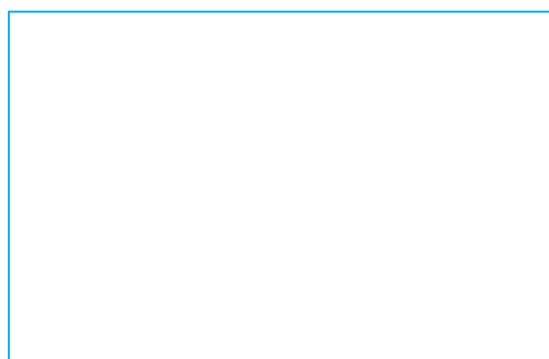
### A. Write 'T' for true and 'F' for false.

1. Motion blocks are used to control the movement of a Character. ....
2. Show block fades out the character until it is invisible. ....
3. Play Recorded Sound plays a "pop" sound. ....
4. ScratchJr is used to create animated stories and games. ....

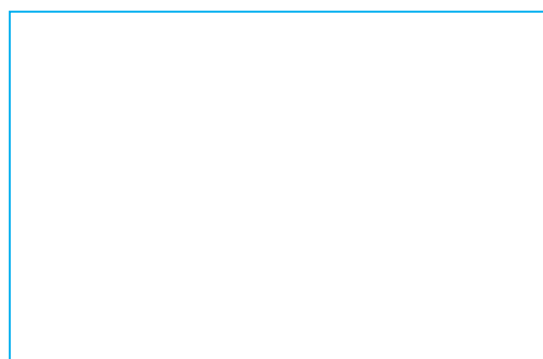
### B. Answer the following questions:

1. Write any three components of ScratchJr Window.  
.....
2. What is the use of Looks block?  
.....
3. What is the colour of Sound block?  
.....
4. What is the use of Events block?  
.....

### C. Draw Show block and Wait block in the given space.



Show block



Wait block

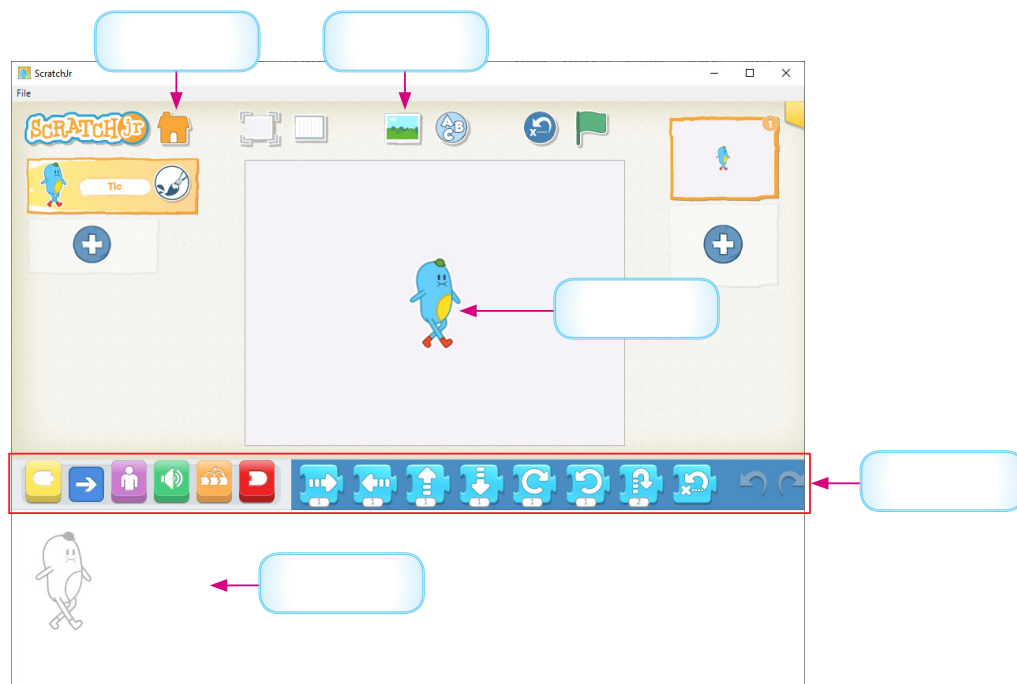
Name: \_\_\_\_\_

Roll No: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

## MORE ON SCRATCHJR

### A. Label the window given below.



### B. Match the given blocks with their colours.

- |            |           |
|------------|-----------|
| 1. Motion  | a. green  |
| 2. Looks   | b. orange |
| 3. Control | c. blue   |
| 4. Sound   | d. yellow |
| 5. Events  | e. purple |

### C. Rearrange the following to complete the name of the blocks of Scratch Jr.

- |            |       |
|------------|-------|
| 1. SUODN   | ..... |
| 2. MITOON  | ..... |
| 3. SOLOK   | ..... |
| 4. CNRLOTO | ..... |

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

Roll No: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

## AI MACHINE AROUND US

### A. Circle the objects with artificial intelligence.



### B. Fill in the blanks using the hints given below:

**Hints:** Aibo, emotions, factories, lift

1. AI machines in factories can \_\_\_\_\_, move, and pack things.
2. The machine named Kismet can understand people's \_\_\_\_\_.
3. \_\_\_\_\_ can bark like a dog.
4. AI is used in toys, \_\_\_\_\_, TVs, and smartphones.

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

Roll No: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

## AI MACHINE AROUND US

### A. Write 'T' for true and 'F' for false.

1. Aibo can listen to your commands. ....
2. AI is not used in toys. ....
3. Aibo is a real dog that eats food. ....
4. There are many devices or gadgets made by humans that have artificial intelligence. ....

### B. Identify the following and write their names:



### C. Rearrange the following to form a meaningful word:

1. ATFCRAILLI ITNLELGINEEC
2. IABO
3. SARMT MCAIHEN

.....

.....

.....



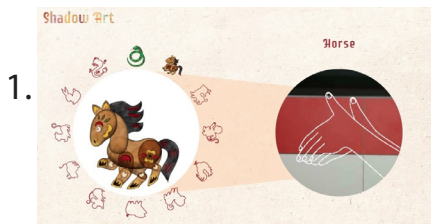
Name: \_\_\_\_\_

Roll No: \_\_\_\_\_

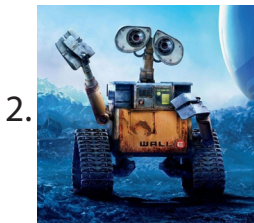
Class: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

## AI IN GAMES AND MOVIES

### A. Match the following:



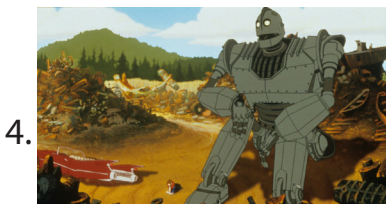
a. The Iron Giant



b. Shadow art



c. Wall-E



d. I-Robot

### B. Answer the following questions:

1. How does Shadow Art help kids?

.....

2. What is AutoDraw?

.....

3. What is the movie I, Robot about?

.....

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

Roll No: \_\_\_\_\_

Class: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

## AI IN GAMES AND MOVIES

### A. Answer the following questions:

1. What is CodeMonkey Jr. used for?

.....

2. What is the robot Wall-E's job in the movie?

.....

3. What is special about the robot in A.I. Artificial Intelligence?

.....

### B. Look at the pictures given below and write the name of the movies.



.....



.....

### C. Rearrange the following and write the correct words in the space provided:

1. RION GAITN

.....

2. UATO DARW

.....

3. RTOBOS

.....

4. LLAW E

.....

5. HADOWS RAT

.....