

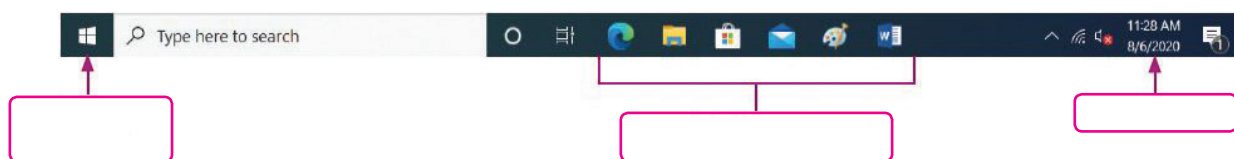
Name: \_\_\_\_\_

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

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

### MORE ON WINDOWS 10

#### A. Label the components of the taskbar.



#### B. Tick (✓) the correct option.

1. Which of these helps to quickly open files or folders by double-clicking them?

a. Taskbar

☐

b. Icons

☐

c. Gadgets

☐

d. Clock

☐

2. Which of these helps to manage the various currently active programs?

a. Screen saver

☐

b. Gadget

☐

c. Taskbar

☐

d. Icons

☐

3. You can change the position of the .....

a. clock

☐

b. taskbar

☐

c. start button

☐

d. quick launch bar

☐

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

1. Date and time is available on the right side of the taskbar.

.....

2. The default wallpaper is the Windows screen.

.....

3. The application software programs are called wallpapers in Windows 10.

.....

4. You can delete the 'Computer' icon by double-clicking on it.

.....

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

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

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

## MORE ON WINDOWS 10

### A. Match the following:

1. Windows

a.



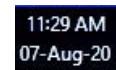
2. Start button

b.



3. This PC

c.



4. Clock

d.



### B. Guess who am I?

1. I represents all the drives, folders and files on computer.

.....

2. I automatically pick an accent colour from the background.

.....

3. I am the most commonly used operating system.

.....

4. I am present at the right side of the taskbar.

.....

### C. Answer the following questions:

1. What is the use of left pane of Start menu?

.....

2. What is icon?

.....

3. What is Quick launch bar?

.....

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

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

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

## GRAPHICS IN WORD

### A. Tick (✓) the correct option.

1. Which command is used to insert symbols?

a. Symbol

☐

b. Picture

☐

c. Font

☐

d. None of these

☐

2. Under which group, Pictures command is present?

a. ClipArt

☐

b. Illustrations

☐

c. Text

☐

d. Font

☐

3. Shapes command is used to insert .....

a. Styles

☐

b. Symbols

☐

c. Shapes

☐

d. Pictures

☐

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

**Hints:** format, insert, shapes, symbols

1. Bevel adds thickness and rounded edges to .....

2. To draw a shape in Word, click on the ..... tab.

3. .... are punctuations or special characters generally not found on the keyboard.

4. Shape Fill command is present in the ..... tab.

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

1. Text can also be added in a shape in Word 2016. ....

2. The two basic types of graphics are drawing objects and pictures. ....

3. Word does not provide shape effects. ....

4. We can change the colour of a shape. ....

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

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





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

## GRAPHICS IN WORD

### A. Write the name of the command to insert the following:

1. Rectangle shape .....
2. Decorative text .....
3. Saved picture .....
4. Special characters .....

### B. Match the following:

- |  |               |
|--|---------------|
| 1.   | a. Shapes     |
| 2.  | b. Shape Fill |
| 3.  | c. Pictures   |
| 4.  | d. WordArt    |

### C. Number the given steps in the correct order to give a 3-D Rotation to a shape.

- ☐ Select the desired rotation effect.
- ☐ Click on Shape Effects command.
- ☐ Click on the Format tab.
- ☐ Place the mouse over 3-D Rotation option from the menu.
- ☐ Select the shape.

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

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

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

### TABLES IN WORD

#### A. Tick (✓) the correct option.

1. Tables group is present in the which tab?

a. Insert

☐

b. Symbols

☐

c. Layout

☐

d. All of the above

☐

2. Splitting refers to ..... two or more cells.

a. combining

☐

b. dividing

☐

c. deleting

☐

d. resizing

☐

3. Which tab in Word contains the option to insert a table?

a. Home

☐

b. Insert

☐

c. Design

☐

d. View

☐

4. Which of the following options allows you to change the size of a table in Word?

a. Merging Cells

☐

b. Table Styles

☐

c. Table Resize Handle

☐

d. Inserting Rows

☐

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

1. Press Shift + Del keys to move the selected rows/columns. ....

2. Move Table Handle is used to move a table to another location. ....

3. Aligning refers to combining of two or more cell into two or more cells. ....

4. We cannot apply the border to a cell in a table. ....

#### C. Fill in the blanks.

1. A ..... can be useful in enhancing your document.

2. The ..... command is used to merge the cells.

3. ..... a table means to increase and decrease the size of a table.

4. With ..... feature, you can format an entire table quickly.

## TABLES IN WORD

### A. What are these icons used for in Word 2016?

1.  .....
2.  .....
3.  .....
4.  .....
5.  .....

### B. Read the given clues and answer the following:

1. It is horizontal arrangement of cells in a table.  
.....
2. It is an arrangement of text in the form of columns and rows.  
.....
3. It refers to combining of two or more cells into one cell.  
.....
4. It enhances the look and feel of the table.  
.....

### C. Number the steps to delete a column from a table.

- ☐ Click on the Layout tab.
- ☐ Select the column which you want to delete.
- ☐ From the drop-down list, choose Delete Columns option.
- ☐ Click on the Delete command.

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

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

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

## INTRODUCTION TO POWERPOINT 2016

### A. Tick (✓) the correct option.

1. How many inbuilt slide layouts PowerPoint 2016 includes?

a. Four

☐

b. Seven

☐

c. Eight

☐

d. Nine

☐

2. Which of these is a default view where you can create and edit slides?

a. Normal View

☐

b. Outline View

☐

c. Slide Sorter View

☐

d. Reading View

☐

3. Which of these is a presentation making software?

a. PowerPoint

☐

b. Paint

☐

c. Word

☐

d. All of these

☐

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

1. PowerPoint is a software used for creating presentations. ....

2. PowerPoint is opened with a blank presentation. ....

3. A placeholder is a page in a presentation. ....

4. Slide Show view is the full screen view of presentation. ....

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

**Hints:** Slide pane, Presentation, Slide, Status bar, Title bar

1. .... is used to create a presentation in PowerPoint.

2. The .... is located at the top of the PowerPoint window and shows the title of the presentation.

3. The .... is a collection of slides that make up a presentation.

4. The .... displays the slides as thumbnails.

5. .... displays information about the current slide or presentation, such as the slide number and design.

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

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

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

## INTRODUCTION TO POWERPOINT 2016

### A. Number the steps to save a presentation in correct order.

- ☐ Click on Save. PowerPoint saves the presentation and the new file name appears on the title bar.
- ☐ Click on Browse and select the desired location.
- ☐ Click on File tab. Backstage view will appear.
- ☐ Click on the File name text box and type a name for the file.
- ☐ Click on the Save or Save As button.

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

1. You cannot create custom layouts. ....
2. To delete multiple placeholders at the same time, hold down Ctrl key. ....
3. A slide is not a page in a presentation. ....
4. Outline View allows you to edit slides. ....

### C. Guess who am I?

1. I am a tab which have commands such as Print, Save, Open. ....
2. I am the first slide by default. ....
3. I enables you to choose a layout for a slide. ....

### D. Explain the following terms:

1. Ribbon- .....
2. File Tab- .....
3. Slide- .....
4. Status bar- .....



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

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

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

## MORE ON INTERNET

### A. Tick (✓) the correct option.

- Which of the thing is not required for having an Internet connection?
 

a. Computer System	<input type="checkbox"/>	b. Modem	<input type="checkbox"/>
c. Photographs	<input type="checkbox"/>	d. ISP	<input type="checkbox"/>
- What is the process of copying the data from client to host computer called?
 

a. Downloading	<input type="checkbox"/>	b. Uploading	<input type="checkbox"/>
c. Chatting	<input type="checkbox"/>	d. Shopping	<input type="checkbox"/>
- Which of the following is not an ISP?
 

a. MTNL	<input type="checkbox"/>	b. BSNL	<input type="checkbox"/>
c. Airtel	<input type="checkbox"/>	d. YouTube	<input type="checkbox"/>

### B. Identify the following social networking websites and write their names.



1. ....



2. ....



3. ....

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

**Hints:** Telephone, Facebook, E-mail

- ..... was founded by Mark Zuckerberg in 2004.
- Modem transfers digital information over ..... lines.
- ..... is sent and delivered immediately if you are connected to the Internet.

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

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

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

## MORE ON INTERNET

### A. Guess who am I?

- I am a collection of related webpages. ....
- I can be sent anytime and anywhere in the world. ....
- I am a search engine. ....

### B. Answer the following questions:

- Define surfing.  
.....
- Name two web browsers.  
.....
- What is Hyperlink?  
.....
- Name the services provided on the Internet.  
.....

### C. Expand the following:

- ISP .....
- URL .....
- BSNL .....

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

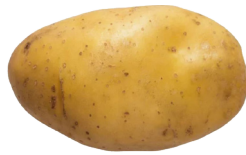
Roll No: \_\_\_\_\_

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

## VISUAL PROCESSING

A. Find odd one out in each group.

1.



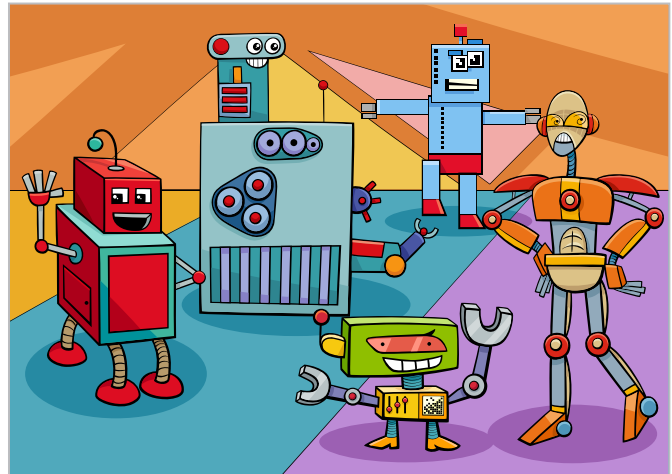
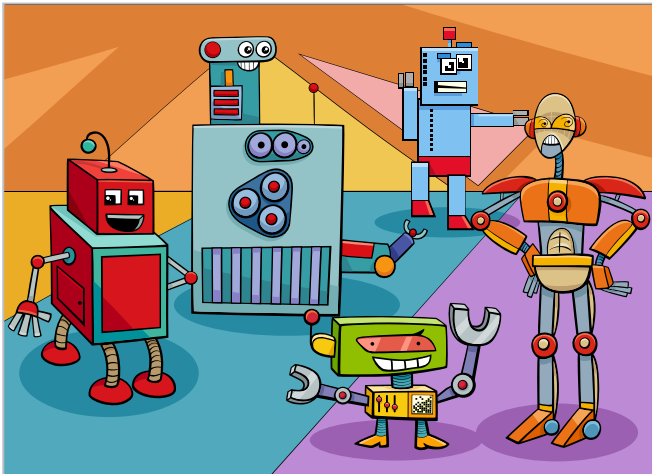
2.



3.



B. Find any five differences in the given pictures.



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

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

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

## VISUAL PROCESSING

A. Draw the following objects at the given location:

1

Star

B2

2

Flower

A1

3

Kite

B1

4

Ball

A2

2		
1		
	A	B

B. Circle the mirror image by looking at the given image.

1.



2.



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

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

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

Chapter-7

CLASS 4

## BLOCKS IN SCRATCH

### A. Tick (✓) the correct option.

- Which block turns the sprite clockwise?
 

a. turn 15 degrees	<input type="checkbox"/>	b. turn -15 degrees	<input type="checkbox"/>
c. turn 180 degrees	<input type="checkbox"/>	d. turn 360 degrees	<input type="checkbox"/>
- What do coordinates define in Scratch?
 



a. Sprite size	<input type="checkbox"/>	b. Sprite position	<input type="checkbox"/>
c. Stage dimensions	<input type="checkbox"/>	d. Block order	<input type="checkbox"/>
- Which block displays a speech bubble?
 

a. think	<input type="checkbox"/>	b. say	<input type="checkbox"/>
c. shout	<input type="checkbox"/>	d. whisper	<input type="checkbox"/>

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

- Motion blocks change the sprite's costume. ....
- Control blocks play audio files. ....
- Events blocks manage events and script execution. ....
- Hat blocks begin a script. ....

### B. Write the functions of the following blocks:

-  .....  
 think Hmm... for 2 seconds
-  .....  
 next costume
-  .....  
 stop all sounds
-  .....  
 when this sprite clicked
-  .....  
 broadcast and wait
-  .....  
 change x by 10

Grade:



Teacher's Signature: \_\_\_\_\_

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

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

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

## BLOCKS IN SCRATCH

### A. Tick (✓) the correct option.

- Which block stops the script from functioning?
 

a. Boolean	<input type="checkbox"/>	b. Stack	<input type="checkbox"/>
c. Cap	<input type="checkbox"/>	d. C	<input type="checkbox"/>
- Which block repeats a block sequence?
 

a. loop	<input type="checkbox"/>	b. repeat	<input type="checkbox"/>
c. replay	<input type="checkbox"/>	d. forever	<input type="checkbox"/>
- What do Events blocks control?
 

a. Looks	<input type="checkbox"/>	b. Motions	<input type="checkbox"/>
c. Sounds	<input type="checkbox"/>	d. Script execution	<input type="checkbox"/>

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

**Hints:** Events, Motion, Looks, say, Control, hide

- ..... blocks control sprite movement in Scratch.
- The ..... block displays a text bubble for the sprite.
- ..... blocks change the visual appearance of a sprite.
- The ..... block hides the sprite.
- ..... blocks repeat code execution.
- ..... blocks trigger script execution on events.

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

- Cap blocks can be placed at the bottom of a script. ....
- Looks blocks modify the sprite's text. ....
- Sound blocks control script execution. ....
- Coordinates indicate sprite position. ....

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

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

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

## INTRODUCTION TO KODU GAME LAB

### A. Tick (✓) the correct option.

1. What can we choose and position in Kodu?

a. Terrain

☐

b. Trees

☐

c. Buildings

☐

d. All of these

☐

2. What should you do after installing Kodu Game Lab?

a. Play

☐

b. Launch

☐

c. Delete

☐

d. Exit

☐

3. What is an object in the Kodu game lab?

a. Keyboard

☐

b. Button

☐

c. Character

☐

d. Program

☐

### B. What are the following keys used for in Kodu to play game?

1. W - .....

2. S - .....

3. D - .....

4. A - .....

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

**Hints:** Do, program, games, Save My World

1. We can create our own ..... in Kodu.

2. .... section executes when conditions are met.

3. Save your world using ..... option.

4. Use ..... to set bot actions like move and turn.

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

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

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

## INTRODUCTION TO KODU GAME LAB

### A. Match the following:

- |                  |                     |
|------------------|---------------------|
| 1. Community     | a. Store Creations  |
| 2. Path Tool     | b. Get Characters   |
| 3. Add Object    | c. Make Bots Move   |
| 4. Program       | d. Create Racetrack |
| 5. Play          | e. Test Game        |
| 6. Save My World | f. Access Tutorials |

### B. Answer the following questions:

- What is the first step in Kodu to start first tutorial?  
.....
- How can you get Kodu on your computer?  
.....
- What can you select after launching Kodu Game Lab?  
.....
- Name the different camera controls in Kodu.  
.....
- What does the 'When' section check for in Kodu code?  
.....
- How can you play a saved Kodu game?  
.....



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

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

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

## AI TIMELINE

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

1. LISP was extensively used to program AI systems. ....
2. ELIZA was the successor of WABOT-1. ....
3. Apple released Siri in 2011. ....
4. Amazon Alexa is a smart speaker functioning as a personal assistant. ....
5. Deep Blue defeated Gary Kasparov in 1999. ....
6. In 1956, John McCarthy coined the term Artificial Intelligence. ....

### B. Answer the following questions:

1. What is ELIZA?  
.....
2. What is Roomba?  
.....
3. Name the two robots involved in NASA's Mars Exploration Mission in 2004.  
.....
4. What do you mean by Kinect?  
.....
5. What is Cortana?  
.....
6. What is Kismet?  
.....

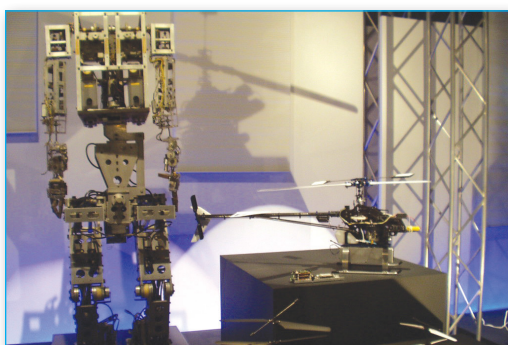
Name: \_\_\_\_\_

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

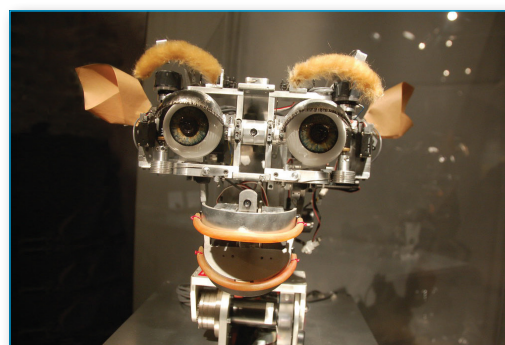
Class: \_\_\_\_\_ Section: \_\_\_\_\_ Date: \_\_\_\_\_

## AI TIMELINE

A. Identify the pictures and write their names in the space provided.



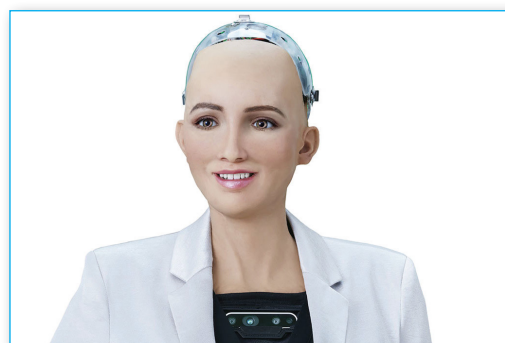
1. ....



2. ....



3. ....



4. ....

B. Match the following:

1. Alan Turing
2. John McCarthy
3. Joseph Weizenbaum
4. Ichiro Kato
5. Cynthia Breazeal
6. Microsoft

- a. Cortana
- b. WABOT
- c. Kismet
- d. The Bombe
- e. ELIZA
- f. LISP

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

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

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

## AI & NON-AI ROBOTS

### A. Match the following pictures with their names:

1.



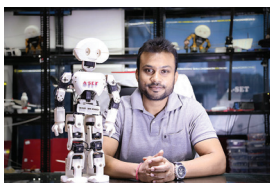
a. Handle

2.



b. Manav

3.



c. Kuri

4.



d. Aibo

### B. Answer the following questions:

1. What is Kuri?

.....

2. Write about the features of the humanoid robot Rashmi.

.....

3. What does Nasa Puffer do?

.....

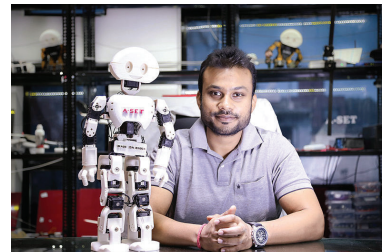
Name: \_\_\_\_\_

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

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

## AI & NON-AI ROBOTS

A. Look at the following pictures and circle their names in the grid.



W	R	A	S	H	M	I	T	E	Y
E	J	T	S	N	A	K	E	R	S
D	Y	G	R	O	N	K	P	W	O
V	G	F	G	P	A	A	K	P	P
K	U	R	I	Q	V	E	F	C	H
X	W	V	H	K	R	T	L	K	I
V	E	N	J	L	T	C	P	H	A
H	A	N	D	L	E	S	D	H	J

B. Answer the following in one word:

- Name the sensor that works as eyes for robots. ....
- It is a technology where machines emulate the human mind to learn, solve problems and make decisions. ....
- Name any AI-enabled robot. ....
- It can display up to 60 facial expressions and is capable of keeping track and recognising faces. ....