Delhi Public School,Gandhinagar

Class- IV
Computer Sample Notebook
L.7 INTERNET

	Exercises
Page No. 75	
A.	**Put a tick (√) on the correct option.**
1.	Which of the following is a special program to access information?
	a. **<mark>Website</mark>**
	b. **Web page**
	c. **Web browser**
	d. **URL**
2.	**_____ is not a part of the internet.**
	a. **Website**
	b. **World Wide Web**
	c. **<mark>Telephone line</mark>**
	d. **Address bar**
3.	**_____ is not a web browser.**
	a. **Chrome**
	b. **Firefox**
	c. **Internet Explorer**
	d. **<mark>MS PowerPoint</mark>**
4.	**_____ refers to the collection of information on the internet.**
	a. **WWW**
	b. **<mark>Web Page</mark>**
	c. **ISP**
	d. **URL**

5.	_____ button is used to revisit a web page visited recently.
	a. Refresh
	b. Bookmark
	c. Forward
	d. <mark>Backward</mark>
B.	Fill in the blanks.
	[Book mark Address Bar Address Home Page Web Page URL]
1.	<mark>Web Page</mark> is one single page of information which can be displayed in a web browser.
2.	To open a website, URL is entered in <mark>Address Bar</mark>.
3.	Each website has a unique <mark>address</mark> which is identified by its_<mark>URL</mark>._____
4.	<mark>Book mark</mark> button on a web page can be used to save it for easy and quick access.
5.	First page of a website is termed as <mark>Home page</mark>.
C.	Write T for true and F for False statements.
1.	Telephone line is used to set up an internet connection. <mark>True</mark>
2.	First page of any website is called web page. <mark>False</mark>
3.	Internet can be used for listening to music. <mark>True</mark>
4.	Clicking NEW TAB on top of the web browser will open a new web page in a different window. <mark>True</mark>
5.	All the information available on internet is stored in web browsers. <mark>False</mark>

D.	**Match the following.**

1.	**Web browser**	**a.**	**Internet Service Provider**
2.	**Internet Connection**	**b.**	**E-mail**
3.	**Refresh button**	**c.**	**Firefox**
4.	**Send text messages**	**d.**	**Modem**
5.	**ISP**	**e.**	**Reload a web page**

Ans: 1- c   2- d   3- e   4- b   5- a

E.	**Answer the following questions.**
1.	**What are the uses of internet?**
Ans:	**Search Information, E-mailing, Download, Online Shopping, Booking Tickets, Money Transfer.**
2.	**What is website?**
Ans:	**It is collection of one or more web pages of website. It is the storehouse of all the information on the internet.**
3.	**What is a web page?**
Ans:	**It is single page of information which can be displayed in a web browser like Internet Explorer. These pages contain text, music, videos And links to other web pages.**
4.	**How is an internet connection established?**
Ans:	**To establish internet connection we require Modem, Internet Connection, Telephone Line and Web Browser.**
5.	**How will you use a web browser?**
Ans:	**A web browser helps us in browsing through the internet.**

F.	**Applicaion based question.**
	Write any five rules which should be followed for staying safe on the internet.
	Children will do it from own.

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Computer Sample Notebook
<u>L.8 INTRODUCTION TO SCRATCH</u>

Exercises

Page No. 93

A.   Put a tick (√) on the correct option.

1.   What are the ten color coded blocks:

      a. Block Drawers

      b. Stage

      c. <mark>Block Palettes</mark>

      d. None of these

2.   In Scratch different types of projects can be created like:

      a. Interactive stories

      b. Animation

      c. Games

      d. <mark>All of these</mark>

3.   Scratch window has:

      a. Menu bar

      b. Stage

      c. Sound bar

      d. <mark>All of these</mark>

4.   Adding the blocks from the script area in the area of scratch is done through

      a. <mark>Block Palette</mark>

      b. Block Drawer

      c. Stage

      d. Scratch

5. The option to adjust the stage size or access the Undo option is with the:
   a. Menu Bar
   b. Shrink button
   c. Grow Sprite
   d. Edit Menu

B. Fill in the blanks.

1. SCRATCH is a programming language developed in the year2007

2. GREEN FLAG is used for starting the execution of a Scratch project.

3. DRAGGING THE BLOCKS are used to create programs in Scratch.

4. The option to adjust the Stage size or access the Undo option is with the . EDIT MENU.

5. For changing the interface language GLOBE button is used.

C. Write T for true and F for False statements.
1. Sprites are the objects which help in the making of a project.   TRUE
2. Shrink Sprite button does not help in the decrement of
   a pre-defined sprite.   FALSE
3. We cannot add a costume from a library.   FALSE
4. For opening a paint editor in Scratch where new backdrop can
   be drawn select paint new backdrop option.   TRUE
5. The name of the sprite appears in the top text box. By typing a
   new name the sprite can be renamed.   TRUE

E. Answer the following questions.
1. How do we add in Sprite?

Ans: **Step 1: Select the option for opening the sprite library.**

Step 2: For browsing various sprites available, any category or theme can be clicked or browsed on the left.

Step 3: Select the sprite for inserting and click OK.

Step 4: For opening the sprite, double click on it in the sprite library.

2. **What is stage used for?**

Ans: **Stage is used for creating a program.**

3. **What are the main parts of a Scratch window?**

Ans: **Following are the parts of scratch window:**

MENU BAR, STAGE, SPRITE LIST, SCRIPTS TAB,

SOUND TAB, COSTUMES TAB

4. **Write the steps for starting a Scratch window.**

Ans: **Step 1: Click on the search bar.**

Step 2: Type Scratch

Step 3: Click on the Scratch button from the Search List.

Step 4: The Scratch window will open.

5. **What are the several ways through which we can modify and insert Sprites in Scratch?**

Ans: **Adding a Sprite, Paint New Sprites, Adding A Backdrop, Costume Tab.**

F. **Application based question.**

Write the names of any five SPRITE belonging to five different groups In the SPRITE library.

HOMEWORK

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L.7 INTERNET

Exercises
Page No. 75
A.	**Put a tick (√) on the correct option.**

1. Which of the following is a special program to access information?

a. <mark>Website</mark>

b. Web page

c. Web browser

d. URL

2. _____ is not a part of the internet.

a. Website

b. World Wide Web

c. <mark>Telephone line</mark>

d. Address bar

3. _____ is not a web browser.

a. Chrome

b. Firefox

c. Internet Explorer

d. <mark>MS PowerPoint</mark>

4. _____ refers to the collection of information on the internet.

a. WWW

b. <mark>Web Page</mark>

c. ISP

d. URL

5.	_____ button is used to revisit a web page visited recently.
	a. Refresh
	b. Bookmark
	c. Forward
	d. **Backward**
B.	Fill in the blanks.
	[Book mark Address Bar Address Home Page Web Page URL]
1.	**Web Page** is one single page of information which can be displayed in a web browser.
2.	To open a website, URL is entered in **Address Bar**.
3.	Each website has a unique **address** which is identified by its **URL**._____
4.	**Book mark** button on a web page can be used to save it for easy and quick access.
5.	First page of a website is termed as **Home page**.
C.	Write T for true and F for False statements.
1.	Telephone line is used to set up an internet connection. **True**
2.	First page of any website is called web page. **False**
3.	Internet can be used for listening to music. **True**
4.	Clicking NEW TAB on top of the web browser will open a new web page in a different window. **True**
5.	All the information available on internet is stored in web browsers. **False**

D.	**Match the following.**

1.	**Web browser**	**a.**	**Internet Service Provider**
2.	**Internet Connection**	**b.**	**E-mail**
3.	**Refresh button**	**c.**	**Firefox**
4.	**Send text messages**	**d.**	**Modem**
5.	**ISP**	**e.**	**Reload a web page**

Ans: 1- c   2- d   3- e   4- b   5- a

E.	**Answer the following questions.**
1.	**What are the uses of internet?**
Ans:	**Search Information, E-mailing, Download, Online Shopping, Booking Tickets, Money Transfer.**
2.	**What is website?**
Ans:	**It is collection of one or more web pages of website. It is the storehouse of all the information on the internet.**
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5.	**How will you use a web browser?**
Ans:	**A web browser helps us in browsing through the internet.**

F.	**Applicaion based question.**
	Write any five rules which should be followed for staying safe on the internet.
	Children will do it from own.

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Computer Sample Notebook
L.6 MSW LOGO:Repeat Command and Creating Procedure

Exercises

Page No. 66

A. **Fill in the blanks.**

1. **REPEAT <no. of turns>** command helps us to form a polygon.

2. **REPEAT** commands enable us to give a set of commands altogether in the computer.

B. **Match the following.**

	Column A		Column B
1.	Triangle	a.	72 units
2.	Pentagon	b.	120 units
3.	Hexagon	c.	45 units
4.	Square	d.	90 units
5.	Octagon	e.	60 units

ANS: 1- b   2- a   3- e   4- d   5- c

C. **Write the commands of the following.**

1. Triangle: REPEAT 3 [FD 100 RT 120]

2. Square: REPEAT 4 [FD 100 RT 90]

3. Half circle: REPEAT 180 [FD 1 RT 1]

4. 270 degree curve: REPEAT 270 [FD 1 RT 1]

5. Circle: REPEAT 360 [FD 1 RT 1]

D. **Answer the following questions.**

1. **What is REPEAT command?**

Ans: REPEAT command is used to give set of commands to the Logo to be repeated a specific number of times without typing them out again and again.

	Exercises
Page No. 61	
A.	**Put a tick (√) on the correct option.**
1.	Command to erase the line drawn by the turtle.
	a) PENERASE (√)
	b) PENPAINT
	c) SETPENCOLOR
	d) None of these
2.	Command used to change the color of the pen of the turtle.
	a) PENPAINT
	b) PENDOWN
	c) SETPENCOLOR (√)
	d) None of these
3.	Command used to lift the pen of the turtle.
	a) PENUP (√)
	b) PENDOWN
	c) PENPAINT
	d) None of these
4.	_____ command is used to put the turtle pen down
	a) PENDOWN (√)
	b) PENPAINT
	c) PENERASE
	d) None of these

5.	Command used to display text or perform calculations on the commander window.
	a) PRINT(√)
	b) HOME
	c) LEFT
	d) None of these
B.	**Fill in the blanks.**
	PENERASE PRIMITIVE PENDOWN PRIMITIVE PRINT PRIMITIVE HOME PENUP PRIMITIVE
1.	**PENUP** is used to lift the pen of the turtle.
2.	**HOME** command clears the command window too.
3.	**PRINT PRIMITIVE** Command helps us to display a text or perform calculations.
4.	**PENERASE PRIMITIVE** helps us to erase the line.
5.	**PENDOWN PRIMITIVE** command is given after the PU command to bring the turtle back to paint mode.
C.	**Answer the following questions.**
1.	Why is HOME primitive used?
Ans:	**This command is used to make the turtle come back to its home position.**
2.	What is the use of PENDOWN command?
Ans:	**Pendown command is given to put the pen of the turtle down after the Penup command. The short form is PD**
3.	What is the use of PENUP command?
Ans:	**Penup command is used to lift the turtle from its position and move it without drawing a line along its path. Short form of PENUP primitive is PU.**

4.	Why is CLEAN primitive used?
Ans:	**This command is used when the whole graphic window is to be cleared.**
5.	What is the use of PENPAINT command?
Ans:	**It is used after the PENERASE mode to bring back the turtle to Paint mode.**
	Its short form is PPT.
D.	**Picture Activity.**
	Draw the figures which you can draw in Logo by using the commands which
	you have learnt in this chapter.
	HOMEWORK

Exercises

Page No. 48

A. **Put a tick (√) on the correct option.**

1. To move a text from one positions to another you.

    a) **Cut and paste the text** **(√)**

    b) Copy and paste the text

    c) Cut and copy the text

    d) None of these

2. To copy a text from paragraph to another without deleting it from its original places you.

    a) Cut and paste the text

    b) **Copy and paste the text** **(√)**

    c) Cut and copy the text

    d) None of these

3. To change the height of the text you change the:

    a) Text size

    b) **Font size** **(√)**

    c) Font style

    d) None of these

4. To change the manner in which the text appears you change the:

    a) Font

    b) Font size

    c) Text color

    d) **All of these** **(√)**

5. To cancel your last action you can give the _____command.

a) Undo

b) **Redo** **(√)**

c) Copy

d) None of these

B. **Fill in the blanks.**

[Edit   Font Color   CTRL+A   Right align   Font Size]

1. To move a text we use cut option from **Edit** menu.

2. **Font Size**defines the height of the text.

3. **Font Color**defines the color of the text.

4. **CTRL+A**is used to select the whole document.

5. **Right align** sets the text in accordance to the right margin.

C. **Write the shortcut keys for the following actions.**

1. Selecting the text from current position to the end of the line.   SHIFT + END

2. Selecting the whole document.   CTRL + A

3. Copying a text.   CTRL + C

4. Pasting a copied/ cut text.   CTRL + V

5. Redo command.   CTRL + Y

D. **Answer the following questions.**

1. **What do you understand by editing the text?**

Ans: Editing text means the process of making changes to the text by adding, deleting, copying and changing certain portions of a paragraph or a document to make it understandable and presentable.

2. **How will you add text in word?**

Ans: **Steps to add text:**

i) Place the cursor where you want to add the text

ii) Start Typing.

3. **What steps will you follow for selecting the text?**

Ans: **Select All Text**

Step 1: Click anywhere within the document.

Step 2: Press CTRL + A

Select Specific Text

Step 1: Place your cursor in front of the first letter of the word, sentence or paragraph

You want to select.

Step 2: Click and hold while you drag your cursor to select the text you want.

4. How will you change the font style and font size in word document?

Ans: CANCELLED

5. What steps will you follow for deleting the text?

Ans: Delete Single Characters:

i) The backspace key deletes the word to the left of the insertion pointer.

ii) Delete key deletes the word to the right of the insertion pointer.

Delete Entire Word:

i) Ctrl + Backspace delete the word to the left of the insertion pointer.

ii) Ctrl + Delete the word to the right of the insertion pointer.

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Computer Sample Notebook
L.3 MS Windows 10- Files and Folders

Exercises

Page No. 32

A. **Put a tick (√) on the correct option.**

1. A deleted folder can be restored from:
   - a) My Computer
   - b) Start menu
   - c) Recycle Bin   (√)
   - d) None of these

2. Icons are:
   - a) Labelled images
   - b) Pictures(√)
   - c) Views
   - d) Nothing

3. The_____ is the first screen that we see when we open the computer.
   - a) Desktop (√)
   - b) Icon
   - c) Screensaver
   - d) Images

4. _____is an Operating System.
   - a) Desktop
   - b) Microsoft Windows(√)
   - c) Printer
   - d) Scanner

5. A computer manages its functions with the help of:

   a) Operating System(√)

   b) Monitor

   c) Mouse

   d) Joystick

B. **Fill in the blanks.**

   [Microsoft Windows 10, File, Folder, Recycle Bin, Windows Explorer, Desktop]

1. The first screen that we see when we open the computer is called **Desktop**.

2. Icons may be representing a **File** or **Folder**.

3. We can access all the files and folders of the computer system from the **Windows Explorer**.

4. Deleted folders/files can be restored from **Recycle Bin**.

5. **Microsoft Windows 10** is a GUI based Operating System.

C. **Write T for true and F for false statements.**

1. Folders and files cannot be moved from one folder to another.   [**F**]

2. Desktop is the first screen which appears after we open the computer.   [**T**]

3. A deleted file or folder can be restored from the Recycle Bin.   [**T**]

4. Windows Explorer doesn't allow us to see all the files and folders in the computer system[F]

5. A file/folder can be renamed.   [**T**]

D. **Answer the following questions.**

1. What is Windows 10?

Ans. **Windows 10 is a GUI based Operating System.**

2. What are icons?

Ans. **Icons are the small graphics or pictures on Desktop.**

3. What is File Explorer?

Ans. **Windows Explorer is also called File Explorer. It is program to help you manage your File and folders in windows.**

4.   Write the steps for creating a new folder?

Ans   CANCELLED

5.   Write the steps which you will follow for moving a file or folder?

Ans   CANCELLED

E   Application based questions.

1.   Why the recycle bin is called so?

Ans.   Because the files which we delete goes to the bin and we can get it back (recycle).

2.   Which folder will you use for finding out the deleted icons?

Ans.   Recycle Bin

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Class- IV
Computer Sample Notebook
L.1 The Computer System

Exercises

Page No. 13

A.   Put a tick (√) on the correct option.

1.   Which of the following is not an input device?

    a) Keyboard

    b) Mouse

    c) <mark>Monitor</mark> (√)

    d) Scanner

2.   Which of the following is the processing device of a computer?

    a) Keyboard

    b) <mark>CPU</mark> (√)

    c) Monitor

    d) Printer

3.   Which of the following is not an output device?

    a) <mark>Keyboard</mark> (√)

    b) Printer

    c) Monitor

    d) Speakers

4.   _____ printer works like a typewriter.

    a) Laser

    b) Inkjet

    c) <mark>Dot matrix</mark> (√)

    d) All of the above

5. Which of the following consumes the least electricity of all and gives a very high definition quality picture?

    a) <mark>LED</mark>   (√)

    b) CRT

    c) LCD

    d) All of the above

B.   Fill in the blanks.

    [Input devices, Output devices, Monitor, Processing device, CPU, Laser, CRT]

1. Computer system consists of **Input devices, Output devices** and **Processing device.**

2. **CPU** is the processing device of a computer.

3. A **Monito**r displays the end results after processing.

4. **Laser** printers print with the help of laser beams.

5. **CRT** monitors consumes a lot of electricity.

C.   Match the following.

Sr.No.	Colum A	Sr.No.	Colum B
1.	Input Device	a.	Inkjet
2.	Output Device	b.	Scanner
3.	Printer	c.	LED
4.	Processing Unit	d.	Speaker
5.	Monitor	e.	CPU

Ans: 1-b,   2-d,   3-a,   4-e, 5-c

D.   Write T for true and F for false statements.

1. A monitor is an input device.   **F**

2. A laser printer makes a lot of noise.   **F**

3. Input devices help us enter data.   **T**

4. A LED monitor produces high quality images and consumes less electricity. **T**

5. A light pen is used only on CRT monitors.   **T**

E.   Answer the following questions.

1.   What is processing?

Ans: Processing refers to the process by which the data entered into a computer is changed into Information.

2.   What are input devices?

Ans: Input devices consists of those devices that we used to enter the data into a computer.
Ex. Mouse, Keyboard, Touch Pad, Touch Screen, Light Pen, Scanner and Digital Camera etc.

3.   What are output devices?

Ans: The output devices show the result or output after processing the data.

Ex. Monitor, Printer, Speaker etc

4.   What is the difference between printer and scanner?

Ans: Printer is used to print on paper where as scanner is a device that reads or copies pages or images into a computer.

5.   What is the use of web camera?

Ans: A web camera is a digital camera that is connected to a computer which is used to take images and live videos and share with others.

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Class- IV
Computer Sample Notebook
L.2 Computer Memory and Storage

Page No. 17	
Differentiate between the functions of RAM and ROM	
RAM	**ROM**
RAM is volatile memory.	ROM is non-volatile memory.
It stores data temporarily.	It stores data permanently.
RAM needs electricity to hold data.	ROM can hold even without electricity.

Page No. 20

A. **Put a tick (√) on the correct option.**

1. Which of the following is a secondary memory?

   a) **DVD** (√)

   b) Printer

   c) Monitor

   d) **CD** (√)

2. Which of the following is not a part of primary memory of a computer?

   a) ROM

   b) RAM

   c) **Pen drive** (√)

   d) **Hard disk** (√)

3. A computer runs on the_____system.

   a) **Binary language** (√)

   b) Music

   c) Monitor

   d) LCD

4. Which of the following devices can store up to 25 GB of data?

   a) **Blu-ray disc** (√)

   b) DVD

   c) CD

   d) Pen Drive

5.	_____is an example of non-volatile memory.
	a) Software
	b) **ROM** (√)
	c) RAM
	d) Hardware
B.	**Fill in the blanks.**
	[RAM, ROM, Primary Memory, Secondary Memory, Bit, CD, DVD]
1.	One binary digit (0 or 1) is referred to as a **Bit**.
2.	**RAM** and **ROM** are the parts of primary storage of a computer.
3.	**Primary Memory** is the internal storage of a computer.
4.	**Secondary Memory** is needed to store data outside the computer's internal storage.
5.	**CD** and **DVD** are examples of secondary storage devices.
C.	**Write T for true and F for false statements.**
1.	ROM is not a part of primary memory of the computer. **F**
2.	RAM is the volatile memory of the computer. **T**
3.	Secondary memory is the internal memory of the computer. **F**
4.	Blu-ray discs save lesser data than DVD. **F**
5.	Secondary memory is also called backup memory. **T**
D.	**Answer the following questions.**
1.	**What is primary memory ?**
Ans.	Primary memory is also called internal memory or built-in memory.
	It generally stores the data or instructions used by the computer while it is working.
	Example :RAM and ROM.
2.	**What is secondary memory?**
Ans.	Secondary memory is the external device that we attach to store the processed data in it.
	For Ex. Pen Drive , CD, DVD, Blu Ray Disc
3.	**What is read only memory?**

Ans.	ROM data ensures that the different part of the computer are working properly as you switch it on, as it stores the data provided by manufacturer to turn ON and OFF the computer.
4.	**What are storage devices?**
Ans	Storage devices are used to store the processed data in it.
	Ex-Pen drive, Hard disc, DVD etc.
5.	**What is the difference between CD and DVD?**

	CD		DVD	
	1.	CD full form is Compact Disc.	1.	DVD full form is Digital Versatile Disk.
	2.	It can store around 650 MB of data.	2.	It can store around 4.38GB of data.
	3.	CD stores less data than DVD.	3.	DVD stores 5 times more data then CD.
Ans				