

Name: _____

Roll No: _____

Class: _____ Section: _____ Date: _____

DATA STORAGE AND MEMORY

A. Write the full forms of the following terms:

1. DVD
2. CD
3. ZB
4. RAM
5. ROM
6. USB

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

Hints: memory cards, CD, RAM, ROM, Petabyte

1. are small in size, usually 1-1.5 inches.
2. is a storage device that can hold upto 700 MB.
3. is volatile memory.
4. is permanent in nature.
5. 1 EB = 1024

C. Number these devices in descending order of their storage capacity.



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DATA STORAGE AND MEMORY

A. Tick (✓) the correct option.

- The main memory of the computer is called memory.
 - Secondary ☐
 - Read Only ☐
 - Primary ☐
- is the temporary memory.
 - RAM ☐
 - ROM ☐
 - All of these ☐
- is called non-volatile memory.
 - DRAM ☐
 - ROM ☐
 - RAM ☐
- One gigabyte is equal to megabytes.
 - 1056 ☐
 - 1032 ☐
 - 1024 ☐
- Which of the following has the highest storage capacity?
 - 4-bits ☐
 - 8-bits ☐
 - 2-bits ☐

B. Answer the following questions.

- Write a short note on RAM.

- What is an optical disk?

- What is USB?

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MANAGING FILES AND FOLDERS IN WINDOWS 10





A. Tick (✓) the correct option.

- Collection of related information is called
 a. file ☐ b. folder ☐ c. icon ☐
- The deleted files are stored in the
 a. Documents ☐ b. Desktop ☐ c. Recycle Bin ☐
- You can open File Explorer by clicking on
 a. This PC ☐ b. Recycle Bin ☐ c. Folder ☐

B. Match the following.

- | | |
|---------------|---------------------------------------|
| 1. Live Tiles | a. Collection of files |
| 2. File | b. Display latest information |
| 3. Folder | c. Collection of data and information |
| 4. This PC | d. File Explorer |

C. Identify the given pictures and write their name.

- | | | | |
|--|--|---|--|
| 1.  | 2.  | 3.  | 4.  |
| | | | |

D. Guess who am I?

- I am the manager of a computer.
- I am the shortcut of the applications.
- I am the collection of files.
- I keep all the deleted files and folders.

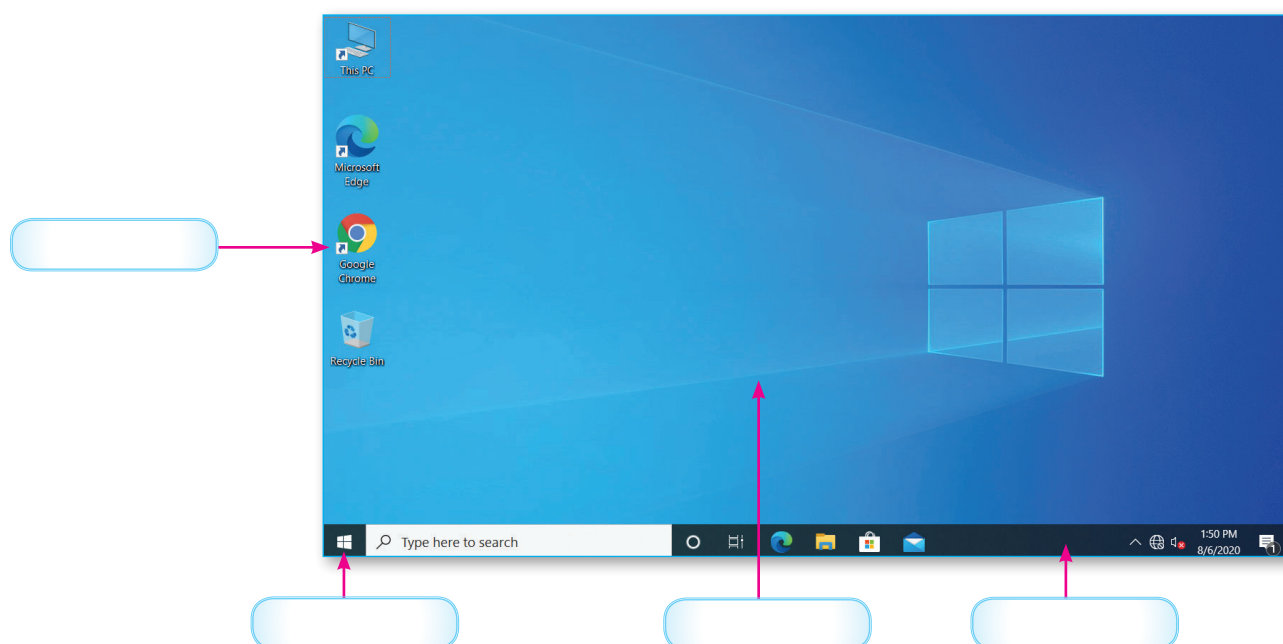
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MANAGING FILES AND FOLDERS IN WINDOWS 10

A. Label the components of Windows 10 desktop.



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

Hints: Ctrl + V, Download, Ctrl, pictures

1. folder is used to store files downloaded from the internet.
2. folder is used to store images.
3. Shortcut key to paste a folder or file is
3. We can select multiple files by pressing key.

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

1. We cannot rename a file.
2. We cannot create a folder inside another folder.
3. Windows mobile software is used to play and organise digital media files.
4. Rename means to change the name of file.

Name: _____

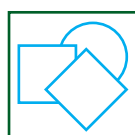
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MORE ON MS WORD 2016

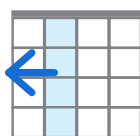
A. Name the following pictures:

1.



.....

2.



.....

3.



.....

4.



.....

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

Hints: format, Splitting, illustrations, alignment

1. Shapes command is present under the tab.

2. Upper center is a type of

3. Shape Fill command is present in the tab.

4. refers to dividing one cell into two or more cells.

C. Answer the following questions.

1. Write the steps to insert a WordArt.

.....
.....

2. Write steps to change the row height of the table in Word 2016.

.....
.....

3. Write the steps to change alignment of a text.

.....
.....

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MORE ON MS WORD 2016

A. Tick (✓) the correct option.

1. Which tab is used to split the cell into multiple cells?

a. Home

☐

b. Insert

☐

c. Layout

☐

2. adds thickness and rounded edges to the shapes.

a. Bevel

☐

b. 3-D Rotation

☐

c. None

☐

3. The gallery includes a wide variety of pictures.

a. WordArt

☐

b. ClipArt

☐

c. Picture

☐

B. Match the following.

1.



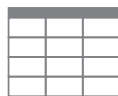
a. Shapes

2.



b. Deleting row or column

3.



c. Picture

4.



d. Inserting Table

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

1. The Shapes command can be found in the Insert tab.

2. You cannot change the height of a row in a table.

3. Merging refers to combining two or more cells into a single cell.

4. Solid is a shape fill which give only one colour in the given shape.

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POWERPOINT 2016






A. Tick (✓) the correct option.

- To start PowerPoint 2016, click on the start button on the
 a. Title bar ☐ b. Status bar ☐ c. Task bar ☐
- Which of these displays the slides as thumbnails?
 a. Outline pane ☐ b. Slide pane ☐ c. Work area ☐
- Which of these is a presentation making software?
 a. Paint ☐ b. PowerPoint 2016 ☐ c. Word 2016 ☐
- Arrangement of text, graphics, images, etc., in a slide is known as
 a. Animation ☐ b. ClipArt ☐ c. Layout ☐

B. Fill in the blanks using the correct option:

- The title bar is located at the (top / bottom) of the MS PowerPoint window.
- A (movie / presentation) is a collection of slides.
- The shortcut key to view the slide show from current slide is (Alt+F5 / Shift+F5).

C. Match the following.

- | | |
|--|------------------------|
| 1.  | a. Reading view |
| 2.  | b. Slide Show |
| 3.  | c. Normal view |
| 4.  | d. Slide Sorter view |
| 5.  | e. Outline view button |

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POWERPOINT 2016

A. Tick (✓) the correct option.

- The shortcut to insert a new slide is
 a. Ctrl+M ☐ b. Alt+M ☐ c. Shift+M ☐
- The contains frequently used commands.
 a. Ribbon ☐
 b. Tab ☐
 c. Quick Access Toolbar ☐
- is the container that hold contents on a slide.
 a. Animation ☐ b. Placeholder ☐ c. ClipArt ☐

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

- The shortcut to insert a new slide is Ctrl + N key combination.
- A presentation is made up of multiple slides.
- We cannot change the font of the WordArt.
- Slide Show view is the full screen view of a presentation.

C. Answer the following questions.

- Write steps to save a presentation.

- Write steps to insert a picture from a file in the slide.

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MORE ABOUT THE INTERNET

A. Label the parts of Microsoft Edge Window.



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

- Microsoft Edge is the default web browser in Windows 10.
- Webpages on the Internet have no specific address.
- ISP is a company that provides Internet Connection.
- A web is a basic unit of every website. A web page may contain text, images, photographs, sound or video.

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

Hints: client, server, hyperlink, Web browser, website

- Copying data from a computer is known as downloading.
- Copying data from a computer is known as uploading.
- is text or image that takes the user to a different webpage.
- is an application software that is used to look for information on the Internet.
- A is collection of linked webpages.

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MORE ABOUT THE INTERNET

A. Tick (✓) the correct option.

- Which of the following is a network of millions of computers?
 a. Internet ☐ b. Intranet ☐ c. None of these ☐
- Which of the following is the first page of a website?
 a. Homepage ☐ b. Website ☐ c. Webpage ☐
- Which of the following is considered as the beginning of the Internet?
 a. ARPANET ☐ b. APARNET ☐ c. APRANET ☐
- Which of the following is not a web browser?
 a. Google ☐ b. Google Chrome ☐ c. Mozilla Firefox ☐
- Which of the following is not an ISP?
 a. BSNL ☐ b. Reliance ☐ c. Airtel ☐

B. Answer the following questions.

- What is uploading?

- What is web browser? Write some examples of web browser.

- Name any two parts of Microsoft Edge.

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VISUAL PROCESSING

A. Find odd one out in each group.

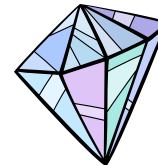
1.



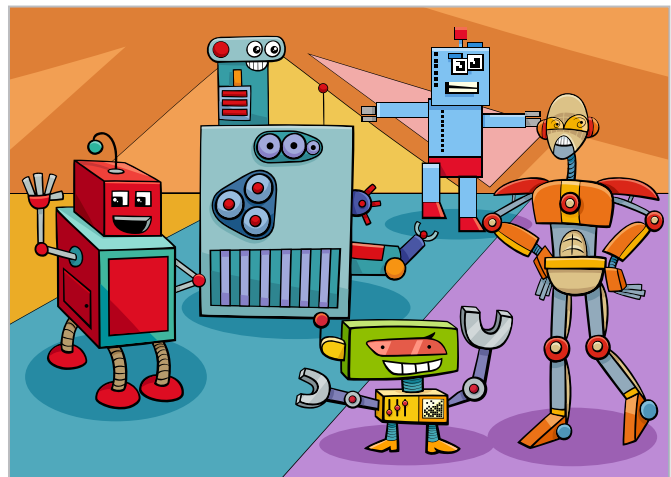
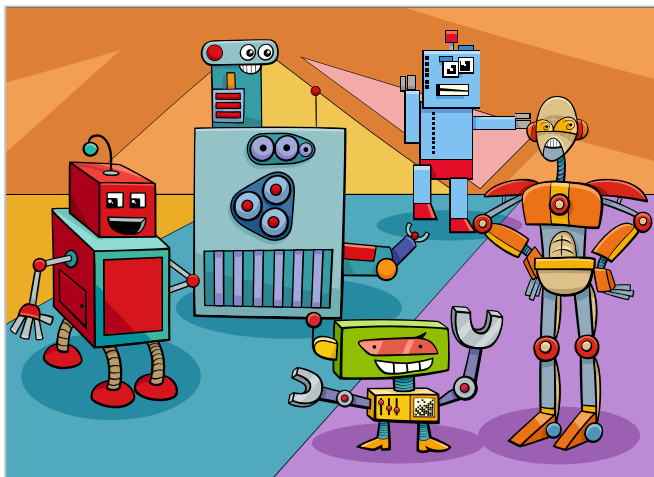
2.



3.



B. Find any six differences in the given pictures.



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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. Answer the following questions.

1. What is Picture Puzzle? Name any one.

.....

2. What is a Spot?

.....

3. Name the four main directions.

.....

.....

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MORE BLOCKS IN SCRATCH

A. Tick (✓) the correct option.

1. Which of these blocks are used to control the movement of a Sprite?

a. Motion

☐

b. Sound

☐

c. Pen

☐

2. Which block is used to control the appearance of Sprite?

a. Control

☐

b. Looks

☐

c. Event

☐

3. What is the color of Looks block?

a. Pink

☐

b. Purple

☐

c. Blue

☐

4. Which of the following blocks is used to draw a shape?

a. Wait

☐

b. Pen

☐

c. Control

☐

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

Hints: looks, think, pink, go to, repeat

1. blocks are purple in colour.

2. adds a thought bubble to the sprite.

3. blocks are pink in colour.

4. block is used to fix the position of the sprite.

5. block is used to draw shapes.

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

1. You can only move a sprite forward in scratch.

.....

2. Looks block is used to add a speech bubble to the sprite.

.....

3. We cannot add sound to the sprites in scratch.

.....

4. Events blocks are used to actually control the sprite.

.....

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CREATING SHAPES IN SCRATCH

A. Guess who am I?

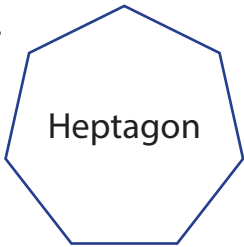
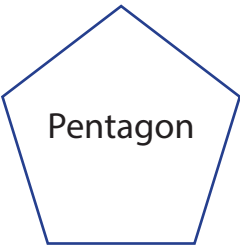
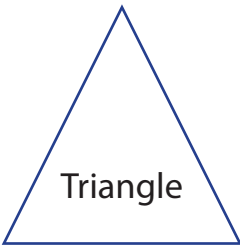
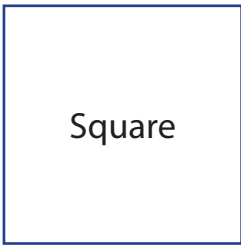
1. I am the main actor in the program.
2. You cannot run a program without me.
3. I am the background where sprite is placed.
4. I am a block which controls how a sprite will appear.
5. I can stop the program from running.

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

Hints: erase all, stamp, add extension, repeat, polygon

1. block deletes everything drawn on the stage.
2. block is used to create a duplicate of the sprite.
3. button is located at bottom left corner of the code tab.
4. are 2d shapes closed by straight lines.
5. blocks will be used to draw a square.

C. Count and write the number of sides and degree of turn for the given shapes.

- | | | | |
|--|--|---|--|
| 1.  Heptagon | 2.  Pentagon | 3.  Triangle | 4.  Square |
| Sides | Sides | Sides | Sides |
| Degree | Degree | Degree | Degree |






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CREATING SHAPES IN SCRATCH

A. Match the following polygons with the commands:

- | | | |
|-------------|---|---|
| 1. Decagon |  | a. Repeat 8 Move 100 Steps Turn 45 degrees |
| 2. Pentagon |  | b. Repeat 9 Move 100 Steps Turn 40 degrees |
| 3. Octagon |  | c. Repeat 10 Move 100 Steps Turn 36 degrees |
| 4. Triangle |  | d. Repeat 5 Move 100 Steps Turn 72 degrees |
| 5. Nonagon |  | e. Repeat 3 Move 100 Steps Turn 120 degrees |

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

- You cannot draw a shape in scratch.
- To draw a circle you need to rotate the sprite by 180 degrees.
- Pen down block is used to start drawing lines as the sprite moves.
- Heptagon has 8 sides.
- To draw an octagon the angle value should be 40 degree.

C. Answer the following questions.

- What are polygons? Name any four polygon shapes.

.....

.....

- What is the use of Pen block in Scratch?

.....

.....

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EVOLUTION OF AI

A. Match the following pictures with their names:

1.



a. Alexa Smart Speaker

2.



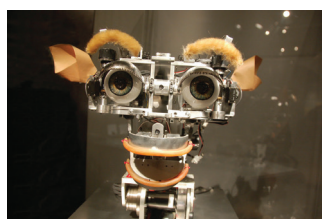
b. Kismet

3.



c. Google Home

4.



d. Roomba

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

Hints: WABOT, Sophia, Joseph Weizenbaum, John McCarthy, ASIMO

- is known as 'Father of AI'.
- David Hanson created a humanoid named
- Honda released, an artificial humanoid robot in 2000.
- ELIZA was created in MIT Artificial Intelligence Laboratory by, in 1966.
- In 1967, was created by Ichiro Kato.

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EVOLUTION OF AI

A. Tick (✓) the correct option.

1. Who created Deep Blue?

| | | |
|---|-----------------------------------|---------------------------------|
| a. Ichiro Kato <input type="checkbox"/> | b. Honda <input type="checkbox"/> | c. IBM <input type="checkbox"/> |
|---|-----------------------------------|---------------------------------|
2. Where was Eliza chatbot created?

| | | |
|---|--|---|
| a. Waseda University <input type="checkbox"/> | b. MIT Laboratory <input type="checkbox"/> | c. None of these <input type="checkbox"/> |
|---|--|---|
3. Which robot is capable to copy human emotions with its face?

| | | |
|------------------------------------|-------------------------------------|-----------------------------------|
| a. Kismet <input type="checkbox"/> | b. WABOT-2 <input type="checkbox"/> | c. ASIMO <input type="checkbox"/> |
|------------------------------------|-------------------------------------|-----------------------------------|
4. Which of the following is not a Mars rover?

| | | |
|------------------------------------|---|------------------------------------|
| a. Desire <input type="checkbox"/> | b. Opportunity <input type="checkbox"/> | c. Spirit <input type="checkbox"/> |
|------------------------------------|---|------------------------------------|
5. Which of the following is not a voice assistant?

| | | |
|-------------------------------------|------------------------------------|----------------------------------|
| a. Cortana <input type="checkbox"/> | b. Kinect <input type="checkbox"/> | c. Siri <input type="checkbox"/> |
|-------------------------------------|------------------------------------|----------------------------------|

B. Answer the following questions.

1. Who is ASIMO?

2. Who is Gary Kasparov?

3. What is Google Home?

