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Chapter-1

CLASS 4

MORE ON WINDOWS 10

A. Tick (✓) the correct option.

- Which of these can be kept on the desktop to get quick access to information?

a. Gadget	☐	b. Icon	☐
c. Wallpaper	☐	d. None of these	☐
- Which of these helps to quickly open files or folders by double-clicking on them?

a. Taskbar	☐	b. Icons	☐
c. Gadgets	☐	d. Start button	☐
- The final screen that appears after switching ON the computer is

a. Wallpaper	☐	b. Folders	☐
c. Desktop	☐	d. Taskbar	☐

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

- Screen Saver does not start by itself.
- We can change desktop background.
- Windows is a Geometrical User Interface.
- Start button is present at the right side on the Taskbar.

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

Hints: notification, icons, Screen saver, Taskbar

- Desktop has some shortcut
- is a moving pattern or animation on the screen.
- helps to manage the various currently active programs.
- Clock appears in the area on the taskbar.

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Chapter-2

CLASS 4

GRAPHICS IN WORD

A. Tick (✓) the correct option.

1. Which of these allows you to create attractive text effects?

a. ClipArt

☐

b. WordArt

☐

c. Shapes

☐

d. Pictures

☐

2. ClipArt command is present in tab.

a. Home

☐

b. Insert

☐

c. Design

☐

d. File

☐

3. Which of these includes paragraphs and ClipArt?

a. Pictures

☐

b. Shapes

☐

c. WordArt

☐

d. Fonts

☐

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

Hints: ClipArt, Home, File, Insert

1. The text can be right aligned using the alignment option from tab.

2. Save As option is present under tab.

3. If you want to write inside a Shape, right-click inside the shape and select the option.

4. is a collection of a wide variety of pictures.

C. Write 'T' for True and 'F' for False.

1. Shapes inserted using Shapes can be resized.

.....

2. Symbols can be inserted from Home tab.

.....

3. We cannot add text inside a shape in Word.

.....

4. The ClipArt gallery contains ready-made pictures or graphics.

.....

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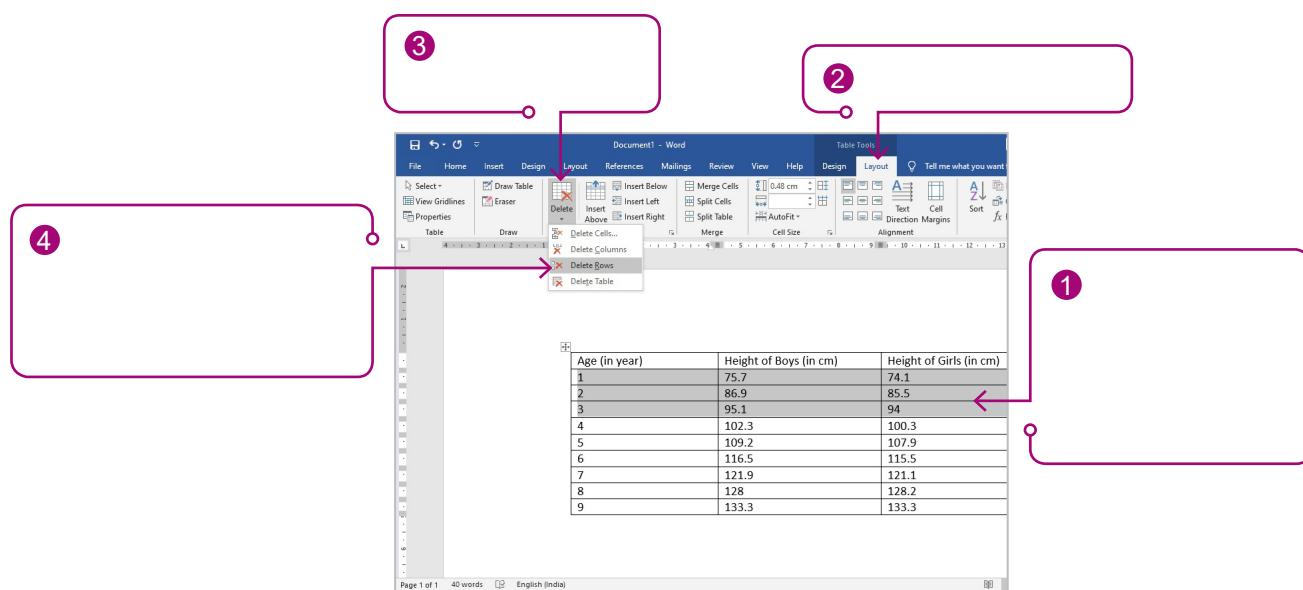
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Chapter-3

CLASS 4

TABLES IN WORD

A. Write the steps in the following window to delete columns:



1. Click the 'Delete' button in the 'Layout' tab.

2. Click 'Delete Columns'.

3. Click the 'Delete' button in the 'Layout' tab.

4. Click 'Delete Columns'.

Age (in year)	Height of Boys (in cm)	Height of Girls (in cm)
1	75.7	74.1
2	86.9	85.5
3	95.1	94
4	102.3	100.3
5	109.2	107.9
6	116.5	115.5
7	121.9	121.1
8	128	128.2
9	133.3	133.3

B. Answer the following questions:

1. What is a table?

.....

.....

2. What do you mean by merging cells?

.....

.....

3. What is the use of Table Styles feature?

.....

.....

4. Write the steps to resize a table.

.....

.....

5. Why we use border and shading in a table?

.....

.....

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Chapter-4

CLASS 4

INTRODUCTION TO POWERPOINT 2016

A. Tick (✓) the correct option.

- Which of the following is located at the bottom of the PowerPoint 2019 window?
 - Status bar ☐
 - Ribbon ☐
 - Title bar ☐
- Which of the following is not present under File tab?
 - Print ☐
 - Save ☐
 - Font ☐
- Which of the following tab has an option to add new slide?
 - Home ☐
 - File ☐
 - Insert ☐

B. Guess who am I?

- I contain multiple tabs, each with several groups of commands.
- I am a dotted box on a slide which may contain text, picture, video, etc.
- I help to view of your presentation on the full screen, the way your audience will see it.

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

- PowerPoint 2019 is software used for creating presentation.
- PowerPoint 2019 is opened with a blank presentation.
- A placeholder is a page in a presentation.
- Quick Access Toolbar is located at the top right corner of the taskbar.

D. Write the steps to delete multiple placeholders.

.....

.....

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Chapter-5

CLASS 4

MORE ON INTERNET

A. Tick (✓) the correct option.

1. Internet Explorer is a

a. website ☐	b. icon ☐
c. web browser ☐	d. None of these ☐
2. Which of these is not a web browser?

a. Mozilla Firefox ☐	b. Google Chrome ☐
c. MS Word ☐	d. None of these ☐
3. The pages on the Internet are called

a. Web browser ☐	b. Network ☐
c. Web pages ☐	d. None of these ☐

B. Answer the following questions:

1. What is Uploading data?

2. Is using social networking websites good for students? Explain

3. What is the use of Modem?

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Chapter-6

CLASS 4

VISUAL PROCESSING

A. Find the odd one out.

1.    
2.    
3.    

B. Answer the following questions.

1. What is visual processing?
.....
2. How do Directions and Maps help us?
.....

C. Spot any 5 differences.



1.
2.
3.
4.
5.

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BLOCKS IN SCRATCH

A. Tick () the correct option.

1. Which of these are pink coloured blocks?
a. Motion blocks ☐ b. Sound blocks ☐ c. Control blocks ☐
2. Which of these is the extension of Scratch project?
a. pptx ☐ b. docx ☐ c. sb2 ☐
3. The Grow button is used to make the sprite in size.
a. invisible ☐ b. smaller ☐ c. bigger ☐
4. Which of the following is not a component of Scratch window?
a. Layout ☐ b. Stage Area ☐ c. Blocks Menu ☐

B. Match the following.

- | | |
|--|--|
| 1.  | a. Turns the sprite at a specified degree |
| 2.  | b. Let the sprite play a sound. |
| 3.  | c. Moves the Sprite 10 step forward. |
| 4.  | d. Pauses the script for the specified time. |

C. Write the use of following Blocks:

1. Looks
2. Control
3. Events
4. Sound

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Chapter-8

CLASS 4

AI TIMELINE

A. Tick (✓) the correct option.

- | | | |
|---|--------------------------|---|
| 1. Who created The Bombe? | | |
| a. John McCarthy | ☐ | b. Alan Turing ☐ |
| c. Joseph Weizenbaum | ☐ | d. Ichiro Kato ☐ |
| 2. In which of the following year, ELIZA was created? | | |
| a. 1962 | ☐ | b. 1964 ☐ |
| c. 1966 | ☐ | d. 1970 ☐ |
| 3. Which of the following was the first step towards building a humanoid robot? | | |
| a. The Bombe | ☐ | b. ELIZA ☐ |
| c. WABOT | ☐ | d. Deep Blue ☐ |
| 4. Deep Blue was created by | | |
| a. Google | ☐ | b. IBM ☐ |
| c. Honda | ☐ | d. Samsung ☐ |

B. Answer the following in or two words.

- In which year Deep Blue was created?
- Who's work "SYNTHES" is widely accredited in the field of AI?
- Who received the Turing Award in the year 1971?
- Who provided expert advice on the project, "A Space Odyssey"?
- In which year Alan Turing established the paper- "Computing Machinery and Intelligence"?

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Chapter-9

CLASS 4

AI & NON-AI ROBOTS

A. Tick (✓) the correct option.

-are machines programmed by computers capable of automatically doing difficult or complex tasks.

a. Humans	☐	b. Robots	☐
c. Fans	☐	d. None of these	☐
- Which of the following works as a nose for robots?

a. Light Sensors	☐	b. Touch or Pressure Sensors	☐
c. Chemical Sensors	☐	d. Hearing and Sonar Sensors	☐
- A robot on Mars may be

a. electrically powered	☐	b. solar-powered	☐
c. battery operated	☐	d. All of these	☐
- is the first humanoid to receive citizenship in Saudi Arabia.

a. Kuri	☐	b. Sophia	☐
c. Aibo	☐	d. Handle	☐

B. Fill in the blanks with the correct word.

- Sophia was released in (2016, 2020)
- Aibo is a robotic (Cat, Dog)
- Shalu can speak languages. (37, 47)
- invented by Diwakar Vaish. (Shalu, Manav)

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

- Cobots are also called collaborative robots.
- Industrial robots are also known as "non-AI" robots.
- Rashmi was invented by Ranjit Shrivastava.
- Shalu is India's first 3D-printed human robot.

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Chapter-10

CLASS 4

STARTING WITH AI CONNECT

A. Tick (✓) the correct option.

1. Which feature makes AI Connect beginner-friendly?

a. Drag-and-drop blocks ☐	b. Complex syntax ☐
c. Writing programs ☐	d. None ☐
2. What is Turtle mainly used for?

a. Drawing shapes and line ☐	b. Sending messages ☐
c. Opening files ☐	d. Printing ☐
3. Which window allows you to drag and drop blocks?

a. Code Editor Window ☐	b. Projector ☐
c. Output screen ☐	d. File manager ☐
4. AI Connect helps us to learn coding through:

a. Text-based programs ☐	b. Block-based programming ☐
c. Notes writing ☐	d. Music ☐
5. AI Connect is mainly used for:

a. Playing games ☐	b. Drawing using blocks ☐
c. Cooking recipes ☐	d. Solving math sums ☐

B. Answer the following questions.

1. Explain how AI Connect helps in learning logic building.
.....
2. Explain how blocks fit together in AI Connect.
.....
3. What is Turtle in AI Connect? Explain its use.
.....

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Chapter-11

CLASS 4

AI IN REAL WORLD

A. Tick (✓) the correct option.

1. Which of these is a use of Artificial Intelligence in transport?

a. Traffic control

☐

b. Driving assistance

☐

c. Accident prediction

☐

d. Route optimization

☐

2. AI in healthcare is used for:

a. Diagnosing diseases

☐

b. Planting crops

☐

c. Sweeping floors

☐

d. Teaching in classrooms

☐

3. Object Detection in AI Connect is used to:

a. Identify objects

☐

b. Cook food

☐

c. Drive cars

☐

d. Send emails

☐

4. Which of the following is a smart home AI device?

a. Fan

☐

b. Alexa

☐

c. Phone

☐

d. Book

☐

5. Emotion Detection in AI Connect can identify:

a. Happy or sad faces

☐

b. Surprised expressions

☐

c. Angry expressions

☐

d. Neutral faces

☐

B. Answer the following questions.

1. Which feature of AI makes it reliable?

.....

2. What does AI in agriculture detect?

.....

3. Give one example of AI in security.

.....

Grade:



Teacher's Signature: _____