

1. Wonders of Computers

Test Your Knowledge (Page 10)



a.

Mouse



b.

Keyboard



c.

Monitor



Topic Flashback

(Page 13)

- ☐ C can work for long hours
- ☐ C cannot take its own decision
- ☐ H has feelings
- ☐ H doesn't need instructions to work



Interdisciplinary Learning

(Page 16)



Mall

School

Police Station

Hospital



Experiential Learning

(Page 17)

1. SCHOOLS

2. HOME

3. MALLS and SHOPS



QUICK QUIZ

(Page 17)

1. a

2. a

Assess Yourself



Choose the correct option.

1. d

2. c

3. a



Fill in the blanks with the correct words.

1. Smartphone

2. Emotions

3. Police



Answer the following questions:

1. Laptop

2. Study and play games

3. Smartphone





Scratch Your Brain.

1. Library

2. Hospital



Explore in the Lab (Page 19)

Do it yourself

2. Working of a Computer

Test Your Knowledge (Page 21)



2



1



3



Art Integration Learning (Page 22)

Do it yourself



Topic Flashback (Page 22)



O



P



I



Experiential Learning (Page 23)

Do it yourself





Interdisciplinary Learning

(Page 23)

1. 13
2. 8, 2, sub



QUICK QUIZ

(Page 24)

a.  ☒

b.  ☐

c.  ☒

d.  ☐

Assess Yourself



Choose the correct option.

1. b
2. a
3. a



Tick (✓) the correct statements and cross (✗) the wrong ones.

1. ✓
2. ✓
3. ✗

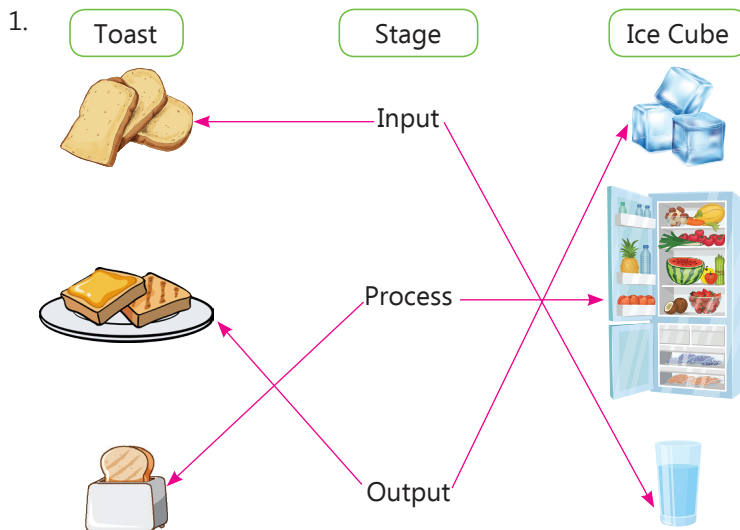


Answer the following questions:

1. Input → Process → Output
2. Input



Scratch Your Brain.



CodeGPT (4.0)-II (Answer Key)



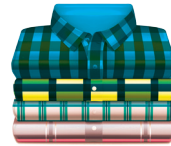
2.



P



I



O



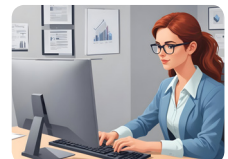
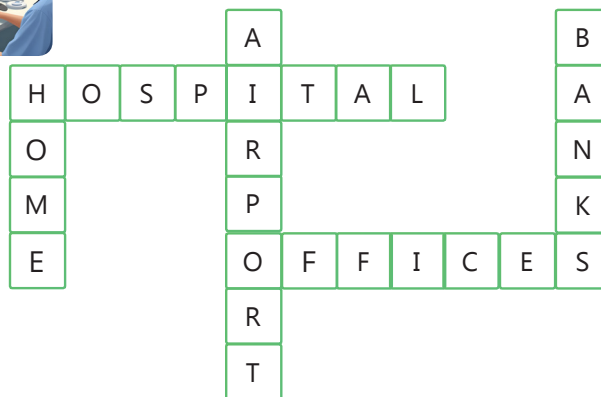
Explore in the Lab (Page 26)

Do it yourself

Periodic Assessment-1

(Based on chapters 1 & 2)

A.



B.

	Input	Process	Output
1.	(c)	(a)	(b)
2.	(c)	(b)	(a)



3. IPO Devices

Test Your Knowledge (Page 29)

MACHINE	INPUT	PROCESSING	OUTPUT
	Microwave	Rice and Water	Cooking and heating
	Juicer	Carrots, Oranges	Churning and extracting juice
			Ready to eat
			Juice is ready

Topic Flashback (Page 31)



1. MOUSE

2. SCANNER

3. KEYBOARD

Interdisciplinary Learning (Page 32)

1. Keyboard

Fingers

2. Microphone

Mouth

3. Monitor

Eyes

4. Headphone

Ears

QUICK QUIZ (Page 33)

1. b

2. a



Assess Yourself

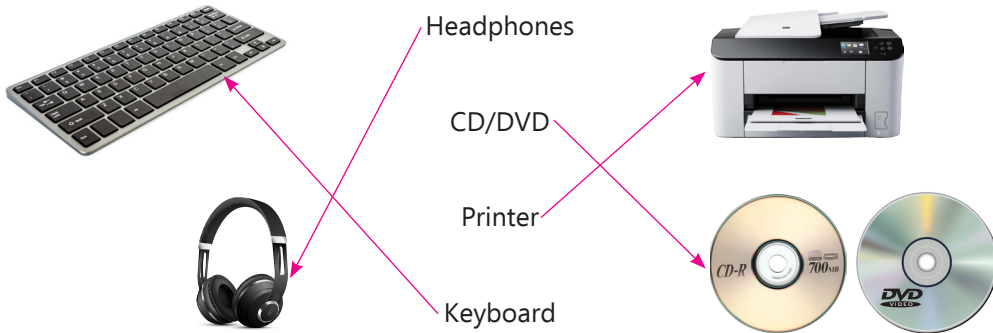


Choose the correct option.

1. c
2. a
3. b



Match the following devices with their pictures:



Tick (✓) the correct statements and cross (✗) the wrong ones.

1. ✗
2. ✓
3. ✓



Answer the following questions:

1. Mouse
2. Processing Device. Example: CPU
3. Printer



Scratch Your Brain.

1. OUESM



MOUSE

2. TMNRIOO



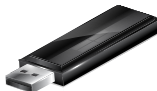
MONITOR

3. RADH KDSI



HARD DISK

4. ENP EIVDR



PEN DRIVE



Explore in the Lab (Page 35)

Do it yourself



4. The Keyboard and the Mouse

Test Your Knowledge (Page 39)

- 2 Computer Keyboard 3 Computer Mouse



Experiential Learning

(Page 41)

Do it yourself



Topic Flashback

(Page 42)

1. CAPS LOCK

2. SHIFT KEY

3. ARROW KEYS

4. SYMBOL KEYS



Interdisciplinary Learning

(Page 44)

Do it yourself



QUICK QUIZ

(Page 45)

1. a 2. a

Assess Yourself



Choose the correct option.

1. b 2. c 3. d 4. c



Fill in the blanks with the correct words.

1. 10 2. Drag 3. Laptop 4. Symbol



Answer the following questions:

1. Alphabet keys 2. Right-click 3. Shift key



Scratch Your Brain.

1. a. Spacebar key b. Enter key c. Delete key
2. a. (iv) b. (i) c. (ii) d. (iii)



CodeGPT (4.0)-II (Answer Key)





Explore in the Lab (Page 48)

- A. Do it yourself
- B. Do it yourself

Periodic Assessment-2

(Based on chapters 3 & 4)

A.



- B. 1. Drag 2. Single-click
- 3. Scroll
- C. 1. Mouse 2. Number keys
- 3. Scanner 4. Pen drive
- 5. Touchpad

Test Sheet-1

(Based on chapters 1 to 4)

- A. 1. d 2. a 3. c 4. c
- B. 1. Emotions 2. Smartphone 3. Laptop
- C. 1. To-do homework.
- 2. A computer works in three steps are: Input, Process and Output.
- 3. Mouse



5. Introduction to Word 2019

Test Your Knowledge (Page 52)

Do it yourself



Interdisciplinary Learning (Page 54)

Do it yourself



Topic Flashback (Page 54)

1. F
2. T



QUICK QUIZ (Page 55)

1. a
2. a

Assess Yourself



Choose the correct option.

1. a
2. b
3. d
4. d



Tick (✓) the correct statements and cross (✗) the wrong ones.

1. ✓
2. ✗
3. ✓
4. ✓



Answer the following questions:

1. Ribbon contains tabs and groups.
2. Save button
3. Title bar



Scratch Your Brain.

1. a. CURSOR b. CLOSE c. RIBBON d. FILE TAB



Explore in the Lab (Page 56)

Do it yourself



6. Let's Learn Paint

Test Your Knowledge (Page 58)

Do it yourself



Interdisciplinary Learning (Page 61)

Do it yourself



Topic Flashback (Page 64)

1. Ribbon
2. Tools
3. Color picker tool



Art Integration Learning (Page 65)

Do it yourself



QUICK QUIZ (Page 66)

1. b
2. a

Assess Yourself



Choose the correct option.

1. c
2. c
3. d



Fill in the blanks with the correct words.

1. Paint
2. Title Bar
3. Color picker
4. Foreground



Tick (✓) the correct statements and cross (✗) the wrong ones.

1. ✓
2. ✗
3. ✓
4. ✗



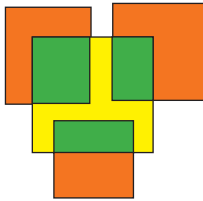
Answer the following questions:

1. Pencil tool
2. Rectangle, Square
3. Crop command
4. Text tool

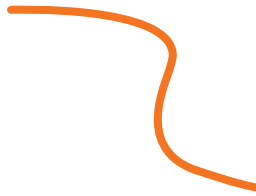


Scratch Your Brain.

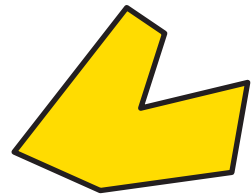
1.



Square



Curve



Polygon

2.



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



Explore in the Lab (Page 70)

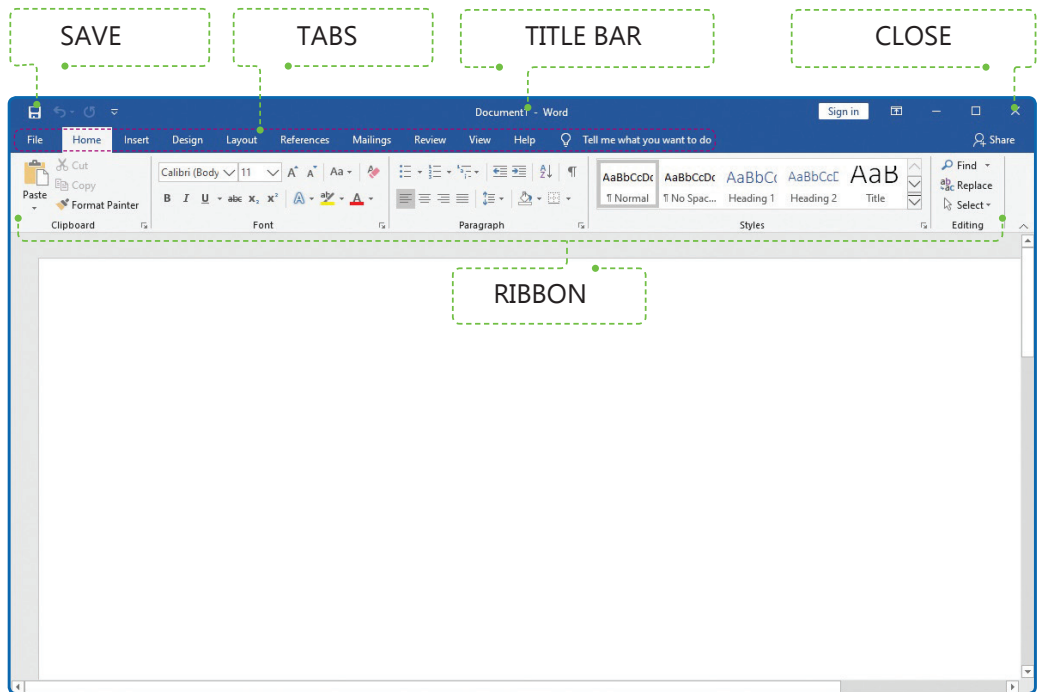
Do it yourself



Periodic Assessment-3

(Based on chapters 5 & 6)

A.



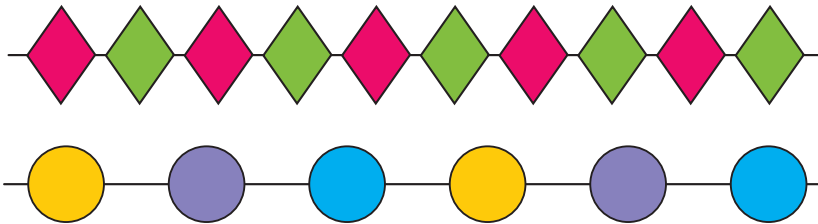
B.

- | | | | |
|------------------|---|----|--|
| 1. Text tool | → | a. | |
| 2. Curve shape | → | b. | |
| 3. Select | → | c. | |
| 4. Brushes tool | → | d. | |
| 5. Pencil tool | → | e. | |
| 6. Polygon shape | → | f. | |



7. Reasoning and Analysis

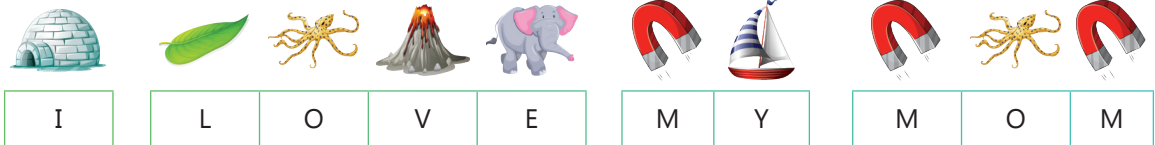
Test Your Knowledge (Page 73)



Interdisciplinary Learning (Page 74)

Do it yourself

Topic Flashback (Page 75)



QUICK QUIZ (Page 75)

1. b
2. a

Assess Yourself

Choose the correct option.

1. a
2. c

Tick (✓) the correct statements and cross (✗) the wrong ones.

1. ✓
2. ✗

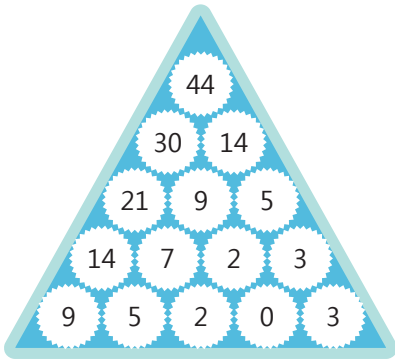
Answer the following questions:

1. Decoding
2. RAC

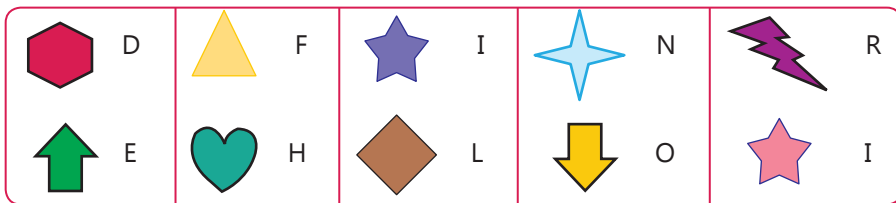


Scratch Your Brain.

1.



2.

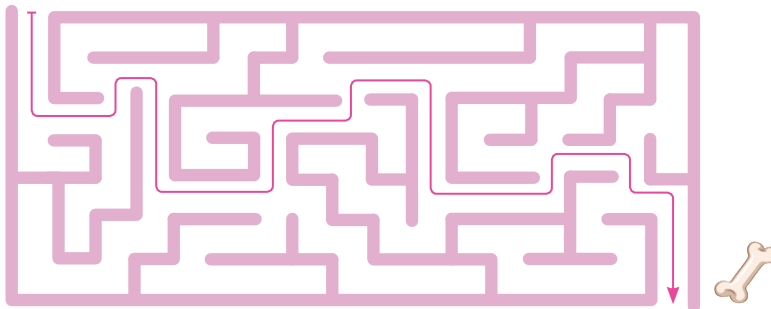


HELLO FRIEND!



8. More on ScratchJr

Test Your Knowledge (Page 79)



15



Topic Flashback (Page 81)

1. F

2. F

3. T



Do it yourself



QUICK QUIZ

(Page 83)

1. a
2. a

Assess Yourself



Choose the correct option.

1. b
2. c
3. b



Tick (✓) the correct statements and cross (✗) the wrong ones.

1. ✓
2. ✗
3. ✗
4. ✓



Answer the following questions:

1. Motion Blocks
2. Wait Block
3. Control Blocks
4. Triggering Blocks



Scratch Your Brain.

1. SAY BLOCK
2. MOVE RIGHT
3. GREEN FLAG



Explore in the Lab (Page 85)

Do it yourself

9. Artificial Intelligence Around Us

Test Your Knowledge

(Page 87)



N



A



A



N



A



16

CodeGPT (4.0)-II (Answer Key)





Experiential Learning

(Page 89)

Do it yourself



Topic Flashback

(Page 89)

Do it yourself



QUICK QUIZ

(Page 90)

1. a
2. a

Assess Yourself



Choose the correct option.

1. d
2. c
3. a



Fill in the blanks with the correct words.

1. Voice Assistant
2. Robots
3. Navigation
4. Recognise



Answer the following questions:

1. Snapchat
2. Google Maps



Scratch Your Brain.



- a. Serving food
- b. Helping in surgeries
- c. Cleaning the house
- d. Lifting in a factory



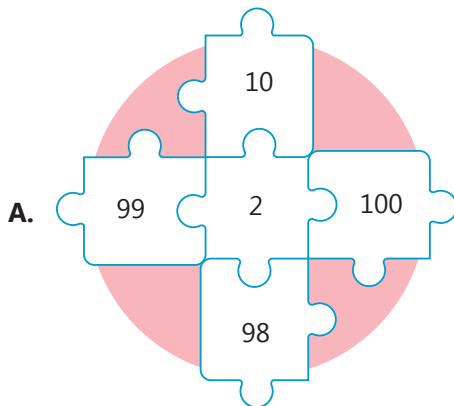
Explore in the Lab

(Page 92)

Do it yourself

Periodic Assessment-4

(Based on chapters 7 to 9)



B. 1. b 2. c 3. a

C. 1. Move Right 2. Grow Size 3. Wait for specified amount of time 4. Pop sound

Test Sheet-2

(Based on chapters 5 to 9)

A. 1. a 2. c 3. d 4. b

B. 1. Color picker 2. Voice Assistant 3. Robots
4. Foreground

C. 1. Document area is the white area where we type.
2. Polygon Shape
3. RAC
4. Control Blocks

