1. Computer—A Smart Machine
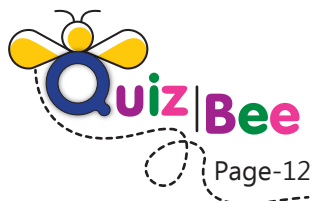
Quiz Bee
Page-12

Keeping the records of bank accounts and customers.

ASSESS YOURSELF

1. a. (iii)   b. (iii)   c. (iii)
2. a. T   b. T   c. T
3. a. PC   b. Laptop   c. School
4.

Can take decisions on its own	Needs instructions to work	Can make mistakes
H	C	H

Works on electricity	Works very fast	Does not get tired
C	C	C

{CODING ZONE}

Do it yourself

2. Operating a Computer

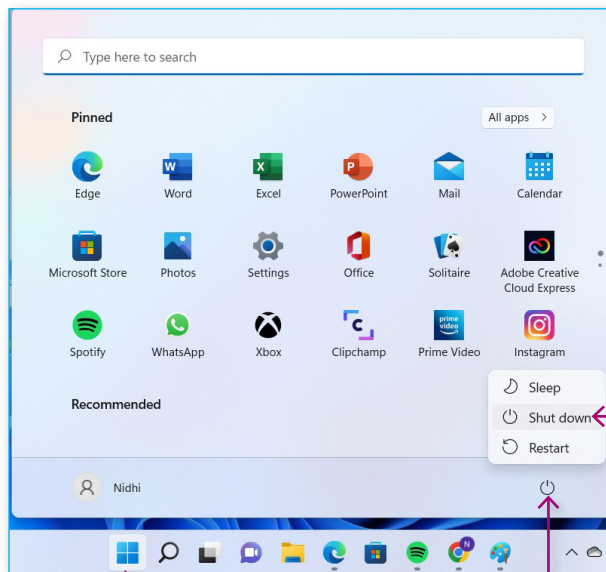
Page-20
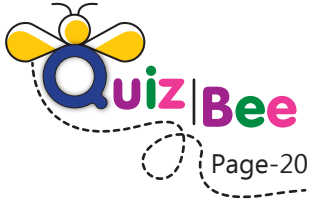
Title bar

ASSESS YOURSELF

1. a. (i)   b. (ii)   c. (iii)
2. a. F   b. T   c. T
3. Click and hold the left mouse button on the title bar.

    Make sure the window is not maximized.

    Click on the Restore Down button.

    Drag the window to the location of your choice.

3
2
1
4

4.

③ Select **Shut down** option.

① Click on the **Start** button.   ② Click on the **Power** option.

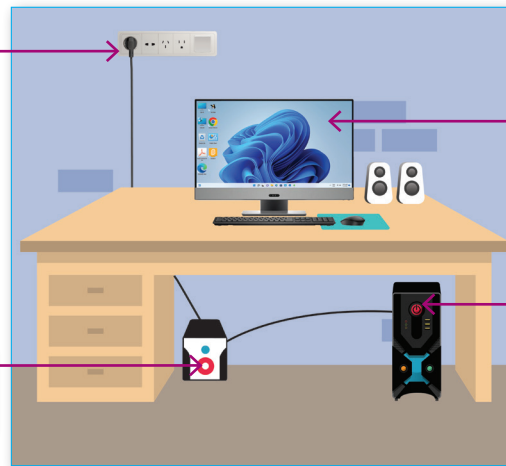5. a. 3   b. Shut down   c. UPS

a. I am not sad   b. I am happy

Periodic Assessment–1

(Based on chapters 1 & 2)
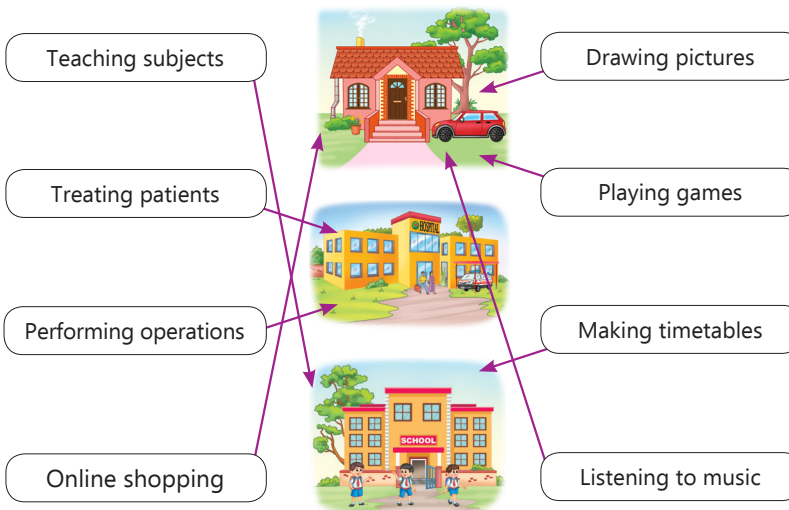
1.

❶ Switch on the **power** button.

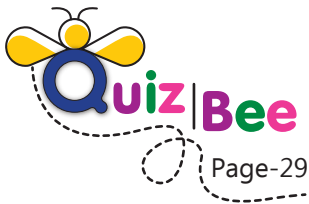❹ Switch on the **monitor**.

❸ Switch on the power button of the **CPU**.

❷ Switch on the **UPS**.

2.

Teaching subjects

Treating patients

Performing operations

Online shopping

Drawing pictures

Playing games

Making timetables

Listening to music

3. How Computer Works?

1. Mouse   2. Keyboard

ASSESS YOURSELF

1. a. (iii)   b. (ii)   c. (iii)   d. (ii)

2. a. input   b. output   c. device   d. CPU

3. a.

O   I   P

   b.

I   O   P

4. a. Input-Process-Output   b. Mouse, Keyboard
    c. Monitor, Printer

{CODING ZONE}

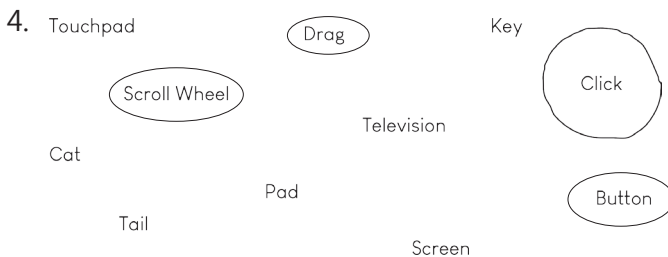| Input	Output
10 less than 10	0
5 less than 10	5
8 more than 10	18

4. Using a Mouse and a Keyboard

Quiz|Bee
Page-37
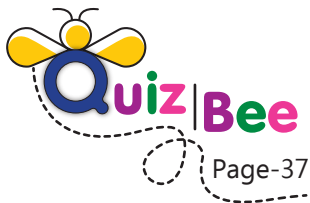
Keys

1. a. (iii)　　　　b. (i)　　　　c. (ii)　　　d. (iii)
2. a. mouse　　　b. Enter　　　c. two
3. a. Gaming Mouse　b. One　　　c. Double-click
4.

Touchpad　　Drag　　　Key

Scroll Wheel　　　　　Click

Television

Cat

Pad　　　Button

Tail

Screen

5. a. @　　　　　b. &

Question: (This question is printed incorrectly in the book, please correct it in your textbook.)
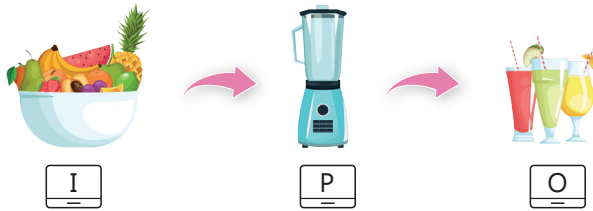
Shift + ^6

c.

Ans. ^

{CODING ZONE}

a. BEAR　　b. AIR　　c. BED　　d. RED

Periodic Assessment–2
(Based on chapters 3 & 4)

1. a. Scroll　　　　b. Double-Click　　　c. Right-Click

2.

| I | P | O |

3.   a. T   b. F   c. F   d. T

Test Sheet–1

(Based on chapters 1 to 4)

1.   a. (ii)   b. (i)   c. (iii)   d. (i)   e. (i)

2.   a. F   b. T   c. F

3.   a. The keyboard has one Esc key.

     b. Two output devices are monitor and printer.

     c. A computer needs correct instructions to work properly.

     d. The computer receives input, processes it, and returns an output. This process is called the IPO cycle.

     e. The two input devices are mouse, keyboard.

4.   a. Computers are used in schools for preparing test papers, worksheets, and results.

     b. Computers are used in banks to maintain the records of the accounts of their customers.

5. Typing in WordPad

Quiz Bee

Page-48
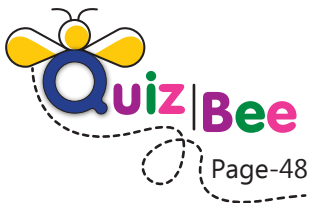
Clipboard, Font, Paragraph, Insert, Editing

ASSESS YOURSELF

1.   a. (iii)   b. (ii)   c. (i)

2.   a. T   b. F   c. F

3.   a. (iii)   b. (iv)   c. (i)   d. (ii)

4. a. This command is used to make the text bold.

   b. This command is used to change the colour of the text.

   c. This command is used to underline the text.

5. a. Two components of WordPad window are ribbon and title bar.

   b. We can format and change the appearance of the text using WordPad.

{CODING ZONE}

1. a. 423   b. @#!&

6. More on Paint & Paint 3D

ASSESS YOURSELF

1. a. (iii)

   b. (This question is printed incorrectly in the book, please correct it in your textbook.)

   Question: Which of the following tool allow us to type text in the picture?

   (i) Text   (ii) Magnifier   (iii) Pencil

   Ans. (i) Text

   c. (iii)

2. a. F   b. F   c. T   d. F

3. a. Magnifier tool helps us make a drawing look bigger.

   b. Airbrush tool is used as a sprayer.

4. Click-and-drag the mouse pointer to draw the text box. | 2 |

   Select the Text tool. | 1 |

   Change the size and colour of the text. | 4 |

   Type the text in the Text box. | 3 |

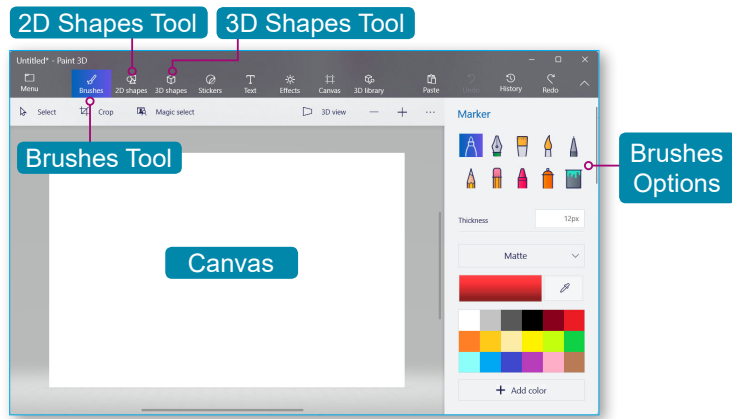## {CODING ZONE}

a. 32   b. 7
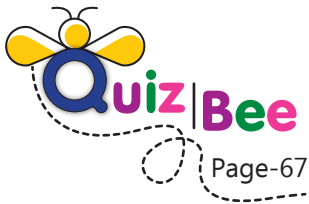
Periodic Assessment–3

(Based on chapters 5 & 6)
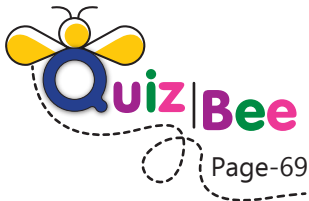
1. a. (ii)　　　　　　b. (iii)　　　　　　c. (i)　　　　　　d. (iv)

2.

7. More on Tux Paint

Page-67

1. Toolbox　　　　2. Drawing Canvas　　　　3. Selector　　　　4. Color Palette

Page-69

Fill tool

ASSESS YOURSELF

1. a. (iii)　　　　　　b. (i)　　　　　　c. (ii)

2. a. F　　　　　　b. T　　　　　　c. T　　　　　　d. F

3.   a. Follow these steps to add magic effects to the drawing;

    Step 1: Click on the Magic tool.

    Step 2: Select the desired effect, e.g. Rainbow effect.

    Step 3: Click and drag the pointer to draw a rainbow.

    b. To draw with a freehand, click on the the Paint tool and drag on the canvas to draw the picture.

4.   a. (This question is printed incorrectly in the book, please correct it in your textbook.)

    Question:

    Ans. This is the Save tool; it is used to save the drawings.

    b. Quit tool used to exit or close Tux Paint.

5.   Follow these steps to open a previously saved drawing:

    Step 1: Click on the Open tool.

    Step 2: Select the drawing that you want to open.

    Step 3: Click on the Open button.
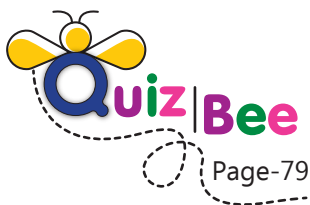
{CODING ZONE}

Answer: a. MAGIC   b. PAINT   c. QUIT

8.   More about ScratchJr

Quiz Bee
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1. Turn Right   2. Grow
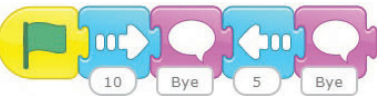
ASSESS YOURSELF

1.   a. (iii)   b. (i)   c. (i)

2.   a. T   b. T   c. F   d. F

3.   a. Pop   b. Green Flag   c. Turn Right

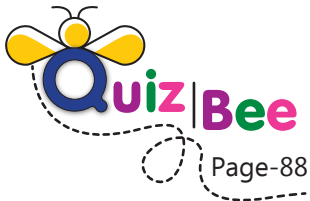4. (This question is printed incorrectly in the book, please correct it in your textbook.)

Question: Write the script for a character that can move 5 steps left and say "Bye" then move 10 steps right and say "Bye".

Ans.

{CODING ZONE}

1	2	17	4	12
8	11	5	13	10
14	9	3	15	19
7	6	16	18	20

9. Importance of AI

Quiz Bee
Page-88

Yes

ASSESS YOURSELF

1. a. (iii) b. (i) c. (ii)
2. a. decisions b. Medical Scans c. Planet, solar system
3. a. can teach and make tests
   b. attend a patient and scan medical reports.
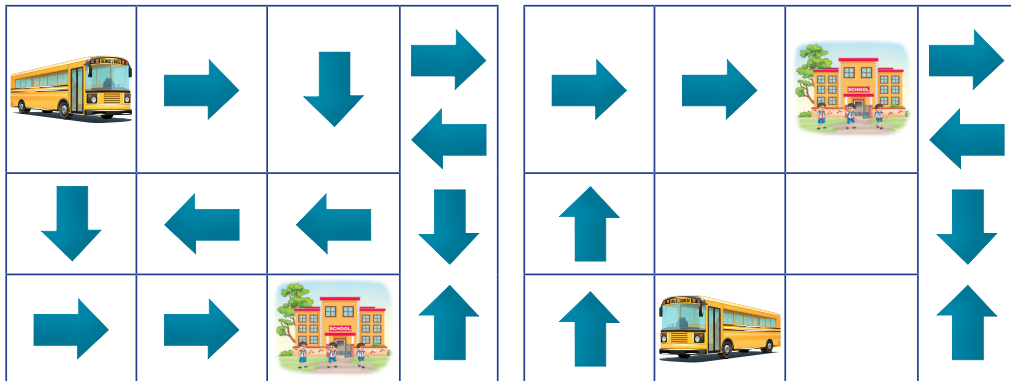
Periodic Assessment–4

(Based on chapters 7 to 9)

1. a. (iii) b. (v) c. (iv) d. (ii) e. (i)
2. a. Move Right b. Turn Left c. Shrink d. Reset Size
    e. Wait f. Stop
3. Health Care and Business

Test Sheet–2

(Based on chapters 5 to 9)

1. a. (ii) b. (ii) c. (ii) d. (iii)
2. a. decision b. Wordpad c. Magnifier
3. a. Pop block is plays a pop sound.

    b. To close Tux Paint, follow these steps:

    Step 1: Click on the Quit tool.

    Step 2: Click on Yes, I'm done! Option.

    If you haven't saved the drawing before quitting, you will be asked to save the drawing before quitting.

    Click on No, don't bother saving! to quit the Tux Paint program without saving your picture.

    Step 3: Click on the Yes, save it! option to save the drawing.

4. a. Two components of the WordPad window are Ribbon and title bar.

   b. Magnifier tool helps us to make a drawing bigger.

   c. Follow these steps to draw a freehand drawing:

   Step 1: Select the Brushes tool option.

   Step 2: Select a brush of your choice.

   Step 3: Set the size of the brush.

   Step 4: Select any colour of your choice.

   Step 5: Click the left mouse button and drag the mouse to draw different shapes.