1. Computer Hardware and Software

Take Off (Page no. 11)

a. iii.   b. iv.   c. i.   d. ii.

Double Tap (Page no. 14)

1. Touchscreen   2. Projector   3. Joystick

Choose the correct option.

1. a.

2. (The option of this question is printed incorrect in the book. Please correct this question in your book.)

   Question:

   Which of the following is an output device?

   a. Plotter   b. Scanner

   c. Pen Drive   d. Joystick

   Ans. a.

3. b.   4. a.

Fill in the blanks with the correct words.

1. Hardware   2. Application software
3. Operating system   4. ALU

Answer the following questions:

1. A scanner is used to read paper documents, images or pictures and send them as input into the computer.

2. A microphone is used to record voice, music and sounds that can be stored on a computer.
3. A computer works on the IPO (Input-Process-Output) cycle.
4. Software that controls and manages all the activities of a computer system is called system software whereas Software that is designed to perform some specific types of jobs on a computer is known as application software.

Scratch Your Brain.

1. Do it yourself.
2. Competency-based/Application-based questions:
   a. Microphone
   b. Joystick
   c. Input Devices, Output Devices, Processing Device, Storage Devices

2. Windows 10

Take Off (Page no. 22)

Do it yourself.

Double Tap (Page no. 25)

1. Desktop   2. Icon   3. Start button   4. Start menu

Choose the correct option.

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

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

1. ✗   2. ✓   3. ✗   4. ✗

Answer the following questions:

1. The most important component of the desktop is the Taskbar. By default, it is present at the bottom of the screen. It has the Start menu, Opened programs and the Notification area.
2. The Notification Area is located at the right side of the Taskbar. It shows different types of notifications for your computer.
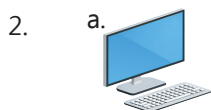
3. **Step 1:** Right-click on the desktop and choose Personalize option.

   Step 2: Click on Background option.

   Step 3: Select Picture option.

   Step 4: Select any picture from the display.

4. Task View allows you to quickly move within your open windows and applications.
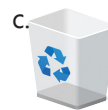
Scratch Your Brain.

1. a. TASKBAR

   b. DESKTOP

   c. BACKGROUND

   d. ICONS

2. a.   b.   c.

      This PC   Folder   Recycle Bin

3. Competency-based/Application-based questions:

   a. Alt+Tab

3. Let's Learn Paint 3D

Take Off (Page no. 30)

1. 2D   Triangle   2. 2D   Circle   3. 3D   Cylindrical

4. 3D   Cube

Double Tap   (Page no. 35)

1. Brushes Tool

2. Title Bar

3. 3D Shapes Tool

Choose the correct option.

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

⊞ Fill in the blanks with the correct words.

1. Title bar   2. Canvas   3. Stamp Tool   4. Edit color

💬 Answer the following questions:

1. 3D Shapes Tool, Canvas, Brushes Tool
2. Commit button which is displayed as Check Mark is for completing the shape.
3. Step 1: Click on Text tool.
   Step 2: Click on 2D text option.
   Step 3: Choose the font style, colour, size and alignment.
   Step 4: Click on the Canvas and type the text in the text box.
4. Step 1: Click on Text tool.
   Step 2: Click on 3D text option.
   Step 3: Choose the font style, colour, size and alignment.
   Step 4: Click on the Canvas and type the text in the text box.

🧠 Scratch Your Brain.

1.   a.   b.   c.   **Coloured 3D Shapes**

        2D   3D   2D

2. Competency-based/Application-based questions:
   a. 3D Library
   b. ❷ Click on the 3D shapes tool.
      ❷ Select a 3D shape.
      ❷ Drag the mouse to draw a cube.
      ❷ Click on Commit button.