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COMPUTER NETWORKING

A. Name the following devices:

1. .... 2. .... 3. ....

B. Define the following:

1. HTTPS - ....

2. Web Portal - ....

3. Router - ....

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

1. In Star topology, all the nodes are connected to a single common path.

....

2. CAN stands for Computer Area Network.

....

3. Networking refers to the geometric arrangement of computers or nodes in a network.

....

4. TCP/IP stands for Transition Control Protocol/Internet Process.

....

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Chapter-2

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INTRODUCTION TO LIBREOFFICE BASE

A. Circle the correct option.

1. A (query/report) allows you to retrieve information from a table based on some criteria or condition.

2. Title Bar is the topmost bar of LibreOffice Base window that displays the name of the (currently/previously) opened database.

3. (Date/Time) is used to store the information like date of birth, date of joining, etc.

4. A set of values for the fields is called a (Record/Form).

5. (Report/Table) is a group of related data organised in columns and rows in a database.

B. Define the following:

1. Field Type - ....

   ....

2. Relational Database - ....

   ....

C. Write the steps to delete a record.

Step 1 ....

Step 2 ....

Step 3 ....

Step 4 ....

Step 5 ....

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Chapter-3

MORE ON LIBREOFFICE BASE

A. Tick (✓) the correct option.

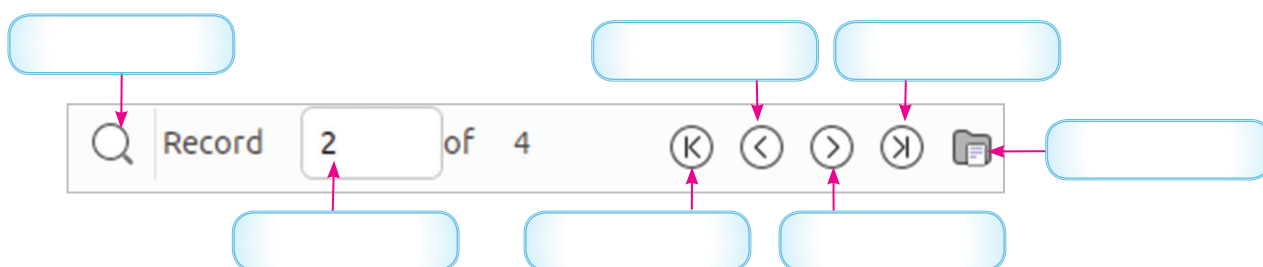1. Which of the following creates a new table or alters your data by adding, deleting, updating and appending data from it?

    a. Select Query ◯   b. Action Query ◯

    c. Crosstab Query ◯   d. Parameter Query ◯

2. Which of the following allows us to give a secondary name to a table?

    a. Field ◯   b. Rename ◯

    c. Alias ◯   d. Sort ◯

3. Which of the following is used to set multiple conditions in a query?

    a. And ◯   b. Or ◯

    c. Alias ◯   d. None of these ◯

B. Label the navigation bar.

```
🔍  Record  [ 2 ]  of  4        Ⓚ  ⓒ  ⓨ  Ⓚ   🗂
```

C. Read the given clues and answer the following questions:

1. It allows to use built-in functions of LibreOffice Base.

    ....

2. It displays the condition on the basis of which the records will be filtered and displayed in the query output.

    ....

3. It is a type of query that is used to perform calculations on a group of data.

    ....

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MORE ON GIMP

A. Complete the sentences given below:

1. Sharpen tool is used to ....

2. Healing tool is used to ....

3. Clone tool is used to ....

4. Smudge tool is used to ....

5. Toolbox contains ....

6. Tool options shows ....

7. Layers palette is used to ....

8. .... which are Healing tool and Clone tool.

B. Write a short note on the following:

1. Healing Tool - ....

....

....

2. Burn Tool - ....

....

....

C. Write the steps to use the Smudge Tool.

Step 1 ....

Step 2 ....

Step 3 ....

Step 4 ....

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LAYERS AND FILTERS IN GIMP

A. Tick (✓) the correct option.

1. Which of the following are transparent sheets, are stacked on top of each other?

   a. Brushes ☐

   b. Channels ☐

   c. Layers ☐

   d. None of these ☐

2. Which of the following is used to move the Layers palette around the GIMP window?

   a. Layers stack ☐

   b. Eye icon ☐

   c. Lock button ☐

   d. Layers tab ☐

3. Under which menu, Scale Image option is found?

   a. File ☐

   b. Filer ☐

   c. Image ☐

   d. None of these ☐

4. Which of the following option is used to combine all the layers of an image to make one layer?

   a. Flattening Layer ☐

   b. Renaming Layer ☐

   c. Hiding Layer ☐

   d. Raise this Layer ☐

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

1. Layers stack is used to move the Layers palette around the GIMP window. ....

2. Filters cannot applied to an entire image or to a part of the image. ....

3. You can combine all the layers of an image to make one layer by deleting the layers. ....

4. To change the position of layers you can use the Raise this layer button from the Layers palette. ....

5. Anchor the floating layer merges the selected layer with the layer below it. ....

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Chapter-6

CLASS 8

MORE ON HTML

A. Complete the sentences.

1. TARGET attribute is used to ....

2. HTML provides a feature to display ....

3. SRC is used to ....

4. a:link is used to ....

5. HREF attribute stands for ....

B. Write a short note on the following:

1. Anchor Tag

    ....
    ....

2. External Linking

    ....
    ....

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

1. _self opens the linked web page in the topmost window among all windows.

    ....

2. The Src attribute specifies the alternate text to be displayed in the web browser, if the provided image is not found.

    ....

3. When a hyperlink is clicked, its colour changes to green.

    ....

4. HTML does not provides a feature to display more than one web page on a single screen of the web browser.

    ....

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GOOGLE APPS

A. Answer the following questions:

1. Write any one feature of Google Slides.

....

2. Write any one feature of YouTube.

....

3. How much data can you store in Google Drive?

....

B. Number the steps to share a Google Sheet.

☐ Enter the email address(es) of the people with whom you want to share the spreadsheet in the box.

☐ Click on the Send button to share the file.

☐ Click on the down-arrow to give permission. A drop-down list appears with the Editor, Viewer or Commenter options.

☐ Click on the Share button from the top-right corner of the spreadsheet. The Share dialog box opens.

☐ Type a message for the receiver in the Message box.

☐ Select the desired option from the drop-down list. In our case, we have selected Editor.

C. Complete the given sentences related to Google Apps.

1. The .... option generate a link of your document for sharing and giving access.

2. .... helps to view all your favourite or important files.

3. Google Drive is a .... storage service.

4. YouTube was created in ....

5. The .... app is an online version of a presentation software like Microsoft PowerPoint.

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Chapter-8

CLASS 8

APP DEVELOPMENT

A. Identify the category of the following Apps:

1. ....

2. ....

3. ....

4. ....

5. ....

B. Answer the following questions:

1. What are Social Networking Apps?

....

2. What is Android?

....

3. Name any one App development tool.

....

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Chapter-9

CLASS 8

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ALGORITHMIC INTELLIGENCE

A. Write the result for the following conditions if num1 is 600 and num2 is 800:

If (num1 > 500) **OR** (num2 > 500)
Then
  Write "GREATER"
Else
  Write "SMALLER"

If (num1 > 500) **AND** (num2 > 500)
Then
  Write "GREATER"
Else
  Write "SMALLER"

If (num1 < 500)
Then
  Write "GREATER"
Else
  Write "SMALLER"

B. Answer the following questions:

1. Write the difference between the following with an example of each:

   a. AND condition and OR condition

   ....

   b. counting loop and a conditional loop

   ....

2. Write a program to check whether a given number is negative or positive. If the number is positive, then print "Positive number". If the number is negative, then print "Negative number".

   ....

   ....

C. Competency-based/Application-based question.

Lokesh has created a program in which he has written blocks of code multiple times to cover the path ten times if a given condition is right. What can he used to reduce the lines of code in his program?

....

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LOOPS IN PYTHON

A. Complete the sentences.

1. The for statement is used to ....

2. The while statement is used to ....

3. The range() function is ....

4. The else block is executed ....

5. HREF attribute stands for ....

B. Define the following:

1. The continue satement.

....

....

....

2. The break statement.

....

....

....

3. The infinite loop.

....

....

....

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Chapter-11

CLASS 8

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LATEST TECHNOLOGICAL DEVELOPMENTS

A. Complete the sentences.

1. Virtual assistant apps ....

2. Robotics is a branch of engineering ....

3. Robotic Process Automation (RPA) is a ....

4. Pepper is a friendly humanoid ....

B. Define the following:

1. Virtual Reality.

   ....

2. Edge Computing.

   ....

3. Augmented Reality.

   ....

B. Match the following:

1. Atlas   a.

2. Ameca   b.

3. Nao   c.

4. HRP-5P   d.

5. Aibo   e.

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