

Chapter 4 – More on GIMP

Book Exercise

A.

1. b. Healing Brush
2. c. Vector Pattern Fill
3. b. Clone
4. c. A gradient transition between colours

B.

1. Layers
2. Filters
3. H, C
4. Vector Pattern Fill

C.

1. T
2. T
3. F
4. T

D.

1.

a. It is used for spot removal, photo refixing, photo repair, wrinkles removal, etc. Healing Tool is used to remove unwanted objects from an image.

b. Clone tool is used to copy pixels from one part of an image and paint them over another area.

2. To open an image in GIMP, follow these steps:

a. Click on File.

b. Click on Open. The Open Image dialog box will appear.

- c. Locate and select the image to be opened.
 - d. Click on Open button.
3. To enlarge a portion of an image for editing, follow these steps:
- a. Click and select Zoom tool.
 - b. Click on the portion of the image and without releasing the mouse button, drag to zoom in.
4. a. Vector Pattern Fill is used to apply a pattern of coloured shapes in the shape, while Bitmap Pattern Fill is used to apply a pattern in the shape.
- b. No Fill option is used when no colour is to be filled in the shape giving a transparent look to it, while Uniform Fill option is used when normal similar colour is to be filled in the shape.

Competency Based Questions

In GIMP, Healing Brush tool and Patch Tool.

Chapter 5 – Working with Tables in MS Access 2019

Reconnect

Row — A horizontal set of cells in a table.

Column — A vertical set of cells in a table.

Cell — The intersection of a row and a column.

Book Exercise

A.

1. c. AutoNumber
2. a. Date/Time
3. b. Primary key
4. d. Primary key
5. c. Validation Rule

B.

1. Datasheet
2. Design
3. rows, columns
4. Long Text
5. Short Text

C.

1. F
2. T
3. T
4. T
5. F

D.

1. A table is a database object, which is used to store information in an organised manner. It consists of records (rows) and fields (columns).
2. A primary key is a field or a combination of fields that uniquely identifies the records in a table. A primary key field cannot have repetitive values and cannot be left blank. Place the cursor on the field to be set as the primary key. Click on the Primary Key option in the Tools group on the Design tab under Table Tools. You will notice that a key symbol appears on the field.
3. The Design View window is divided into two parts:
 - a. Field Grid Pane: It is used for entering field names and their data types. You can also give an optional description about each field in this pane.
 - b. Field Properties Pane: This section is used to set properties for the fields in the table.
4. To sort records, open the table in Datasheet View and follow these steps:
 - a. Select the field on the basis of which you want to sort the records.
 - b. Click on the Ascending or Descending option in the Sort & Filter group on the Home tab. The records get sorted.
5. Data types are used to declare the fields of a table. A data type determines the type of data in it.

E.

1. Design View
2. Datasheet View
3. Primary Key
4. Sort Descending
5. Sort Ascending

Competency Based Questions

1.
 - a.
 - i. Admission_No – Short Text
 - ii. Name – Short Text
 - iii. DOB – Date/Time
 - iv. Marks – Number

v. Remarks – Memo

b. Admission_No

2.

a. No, because there are many types of pens

b. Short Text

3.

a. Student

b. Datasheet View

c. 4 fields, 7 records