

Name: _____

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COMPUTER NETWORKING

Chapter-1

CLASS 8

A. Name the following devices:



1.

2.

3.

B. Define the following:

1. Client -

2. Server -

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 Transmission Control Protocol/Internet Process.

.....

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PHOTO EDITOR & VIDEO EDITOR

Chapter-2

CLASS 8

A. Fill in the blanks using the hints given below:

Hint: Import, Background, Colour

1. To edit photos in Photos app, first of all you click on button.
2. Adjust the colours of the photo by moving the slide.
3. You can change the background color of the title card by clicking on the button.

B. Match the following:

- | | |
|---------------|--|
| 1. Trimming | a. means to cut the portion of a video. |
| 2. 3D effects | b. means to remove the useless portion of the photo. |
| 3. Cropping | c. make a video attractive. |

C. Number the steps to add 3d effects in a video.

- ☐ 1. Open a video in the storyboard. In this case, we have opened a cake video.
- ☐ 2. Select the 3D effect that you want to add to your video. In this case, we have selected Birthday balloons effect.
- ☐ 3. Click on the 3D effects button. A pane containing 3D effects appears at the right-hand side.
- ☐ 4. Click on the Done button.
- ☐ 5. Set the duration of the effect by moving the slide on the time line.

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INTRODUCTION TO GIMP

Chapter-3

CLASS 8

A. Tick (✓) the correct option.

1. The first version of the GIMP was released in

a. 1994

☐

b. 1995

☐

c. 1996

☐

d. 1997

☐

2. Which of the following tool used to type text on the image or blank workspace?

a. Magic Tool

☐

b. Crop Tool

☐

c. Text tool

☐

d. Gradient Tool

☐

3. Which of the following tool is used to draw brush strokes to give an effect of painting?

a. Paint Tool

☐

b. Crop Tool

☐

c. Brush tool

☐

d. Paintbrush Tool

☐

B. Identify the given tools & write their uses.

1.



a. Fuzzy Select Tool

2.



b. Crop Tool

3.



c. Paintbrush Tool

4.



d. Zoom Tool

5.



e. Rectangle Select Tool

6.



f. Free Select Tool

C. Answer the following questions:

1. Define any two component of GIMP.

.....

2. Which tool is used to magnify a desired part of an image?

.....

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USING TOOLS IN GIMP

Chapter-4

CLASS 8

A. Complete the sentences.

1. Sharpen Tool is used to
2. Healing tool is used to
3. Clone Tool is used to
4. Shortcut key to set a new heal source point is
5. You can delete a layer by clicking on
6. Shortcut key to select Healing tool is
7. Shortcut key to select Clone tool is
8. contains tools to create, edit and enhance an image.

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

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ADVANCED FEATURES OF GIMP

A. Tick (✓) the correct option.

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

a. Brushes	☐	b. Channels	☐
c. Layers	☐	d. Both a & b	☐
- Hiding a layer means to make the layer temporarily

a. attractive	☐	b. invisible	☐
c. visible	☐	d. None of these	☐
- Under which menu, Scale Image option is found?

a. File	☐	b. Filer	☐
c. Image	☐	d. None of these	☐
- A is a user interface control which is used to display ON or OFF states.

a. Toggle button	☐	b. Delete button	☐
c. Rename button	☐	d. Insert button	☐

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

- Layers tab is used to move the Layers palette around the GIMP window.
- Filters cannot applied to an entire image or to a part of the image.
- You can combine all the layers of an image to make one layer by flattening layers.
- To change the position of layers you can use the Raise this layer button from the Layers palette.
- Lock Pixel hides the image on the layer as well as the eye icon.
- The Layers palette displays all layers.

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INTRODUCTION TO TUPI 2D

Chapter-6

CLASS 8

A. Rewrite the incorrect statements.

1. Ink tool helps us to draw those shapes which we can not draw with shape tools.

.....

2. Brush tool is used to select an oval or circular portion of an image.

.....

3. Pencil Tool is used to remove unwanted portion from an image.

.....

4. Line Tool is used to draw closed shapes with 3, 5, 6 or more sides.

.....

5. Object Selection tool can be selected in different layers or frames using this tool.

.....

B. Number the steps to fill the colour in any object using Fill tool.

- ☐ Click on the object to fill colour in the object.
- ☐ Go to the Color Palette and click on the Fill box.
- ☐ Click on the Fill Tool option from the Toolbox.
- ☐ Draw any object in the workspace area.

C. Fill in the blanks using the hints given below:

Hints: Polyline, Pencil tool, Paint bucket, Ink

1. tool is used by the users to draw in different colour ink.
2. is also called free hand drawing tool.
3. Fill tool works like a
4. tool helps to draw different shapes and diagrams in the workspace area.

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ANIMATIONS IN TUPI 2D

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

1. Scale tween helps to move an object.

.....

2. Rotation tween changes the object's horizontal and vertical shear.

.....

3. Frame is a feature that helps us to make animation process easier and faster.

.....

4. Coloring tween helps to control the opacity of an object at two points.

.....

5. Rotation tween helps to rotate an object only clockwise.

.....

B. Define the following:

1. Exposure Sheet -

.....

2. Insert frame button -

.....

3. Shear tween -

.....

4. Layers -

.....

5. Frame span -

.....

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APP DEVELOPMENT

A. Identify the following apps and write their names.



1.



2.



3.



4.

B. Answer the following questions:

1. Name three most popular app stores.

.....

2. What is iOS?

.....

3. Name two gaming apps.

.....

4. What is the first thing you should before using an app?

.....

C. Guess who am I?

1. I am an app created by combining the features of native app and web app.

2. I am a category of apps which shared more than 24% area of the app store.

3. I am a category of apps that provides a platform for children to learn from anywhere and anytime.

4. I am a category of apps which allows people to connect with friends and family members

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LOOPS IN PYTHON

Chapter-9

CLASS 8

A. Define the following:

1. break statement - _____

2. while statement - _____

3. for loop - _____

B. Fill in the blanks using the hints given below:

Hints: Continue, While, Range(), Display, for

1. The _____ statement is used to repeat a set of instructions until a condition evaluates to true.
2. The print() function to _____ output on the screen.
3. The _____ statement forces execution of next iteration.
4. The _____ function is an in-built function that generates a list which is a sequence type.
5. The _____ statement is used to repeat an instruction or a set of instructions a fixed number of times.

C. Write a Python program to print all the ['a','e','i','o','u'] in a user inputted string.
