

## **PRACTICAL – 12**

**OBJECTIVE:** - Create a new Notebook LM project titled: “My Chapter Revision Notes.”

(a) Upload multiple sources (any 2) such as:

- i. PDF notes
- ii. Web articles
- iii. Text copied into Notebook LM

(b) Ask Notebook LM to:

- i. Create a combined study guide using all sources.
- ii. Generate flashcards for quick revision.
- iii. Create a concept map or

explanation of the topic. Manually check for:

- i. Any incorrect facts
- ii. Repeated information
- iii. Missing important

points Attach 3

screenshots from

Notebook LM:

- i. Combined study guide
- ii. Flashcards
- iii. Concept map / explanation

## i. Combined study guide: -

The screenshot shows the Notion interface with three main panels: Sources, Chat, and Studio.

- Sources Panel:** Shows uploaded sources: "Combinational Logic Circuits..." and "Unit -3 combinational circuit....". A "Search the web for new sources" section is also present.
- Chat Panel:** A message from NotebookLM suggests creating a combined study guide using all uploaded sources and explains concepts clearly with headings and bullet points.
- Studio Panel:** A "New Note" card is open, showing a rich text editor with various styling options like bold, italic, and underline.

At the bottom, there are buttons for "Start typing...", "Convert to source", and a note about NotebookLM's accuracy.

The screenshot shows the Notion interface with three main panels: Sources, Chat, and Studio.

- Sources Panel:** Shows uploaded sources: "Combinational Logic Circuits – Partech..." and "Unit -3 combinational circuit.pdf". A "Search the web for new sources" section is also present.
- Chat Panel:** A detailed study guide for "Fundamentals of Combinational Logic" is displayed, covering topics like Core Concept, Definition and Characteristics, Building Blocks, Block Diagram, Design Procedure, and Simplification.
- Studio Panel:** A "Create an Audio Overview" card is shown, along with icons for various overview types: Audio Overview, Video Overview, Mind Map, Reports, Flashcards, Quiz, Infographic, Slide Deck, and Data Table.

At the bottom, there are buttons for "Start typing...", "Convert to source", and a note about NotebookLM's accuracy.

## ii. Flashcards

Combinational Flashcards  
Based on 2 sources

Press "Space" to flip, "← / →" to navigate

What is the defining characteristic of a combinational logic circuit's output?

See answer

Restart 1 / 62 cards Download

Good content Bad content

NotebookLM can be inaccurate; please double check its responses.

Combinational Flashcards  
Based on 2 sources

Combinational circuits have no memory to store previous input states, whereas sequential circuits do.

Explain

Restart 2 / 62 cards Download

Good content Bad content

NotebookLM can be inaccurate; please double check its responses.

### iii. Concept map / explanation: -

