



Zavia School System, Multan

Notes 2nd Term 2026

Subject: Computer

Chapter no: 4 Fundamentals of design thinking

❖ Terminologies

(just for understanding)

- | | |
|--------------|---------------|
| ○ Prototypes | Empathise |
| ○ Ideate | Implement |
| ○ Exploring | Associations |
| ○ Visualise | Creativity |
| ○ Customise | Formatting |
| ○ Usability | Effectiveness |

Qno1 : Choose the correct answer:

- Identify the problem
- It involves repeating stages until an effective solution is found.
- They help visualise and organise thoughts.

Qno2 : Answer the following Questions.

a. What is the importance of empathy in the Design Thinking process?

Ans: Empathy means understanding other people. It helps us know their needs and problems so we can make useful solution.

b. Why is iteration essential in the Design Thinking process?

Ans: Iteration is important because we can improve our ideas again and again to get the best solution.

c. Describe the central theme and associations in a mind map?

Ans: The central theme is the main idea in the center. Associations are the small ideas connected to it.

d. Apply the Design Thinking process to a personal challenge?

Ans: Example: Forgetting to turn off lights

Empathise: People forget

Define: Lights are left on

Ideate: Make reminder ideas

Prototype: Make a sign "Turn off lights"

Test: Check if people follow it

e. How does the Design Thinking process help in solving complex problems?

Ans: It helps us solve problems step by step and find simple and smart solutions.

Practical :

➤ Canva Introduction & Tools

The basic use of Canva such as adding text, shapes, colors, and stickers
Design your name in a colorful and creative style.