⬤ RECAP

➤ Charles Babbage is considered as the Father of Computers. He invented Difference engine in 1822, Analytical engine in 1833.

➤ Lady Augusta Ada Lovelace was the first programmer.

➤ ENIAC was the first general purpose electronic digital computer, invented in 1946.

➤ UNIVAC–I was the first computer to handle both numeric and text data.

➤ Computers are categorised into four types with respect to their speed, storage capacity, size, and cost.

➤ The four types of computers are Micro computers, Mini computers, Mainframe computers, and Super computers.

BRAIN DEVELOPER

SECTION - A

A. Fill in the blanks.

1. The first mechanical calculating device was _A Bacus_

2. _Howard Aiken_ invented the first automatic sequence controlled calculator–Mark I.

3. _Summit_ is the world's fastest Super Computer.

4. The first general purpose electronic computer was _Eniac_

5. The Analytical engine was invented by _charless Babbage_

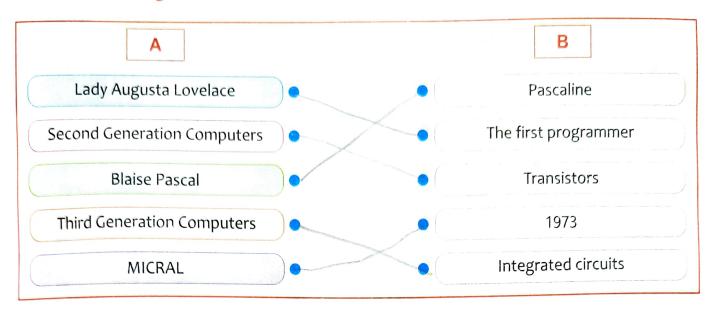**HINTS** • ENIAC   • Howard Aiken   • Abacus   • Charles Babbage   • Summit

B. State True or False.

1. UNIVAC–I was the first computer to handle both numeric and text data.

2. Charles Babbage invented the Difference engine in 1822.

3. The first generation computers used transistors.

4. The Tabulating machine was invented by J. Presper Eckert.

5. George Boole developed the Boolean logic.

C. Match the following.

A	B
Lady Augusta Lovelace	Pascaline
Second Generation Computers	The first programmer
Blaise Pascal	Transistors
Third Generation Computers	1973
MICRAL	Integrated circuits

D. Application-based questions.

1. Raman works in the National Weather Forecasting agency. Which type of a computer does he use to forecast the weather conditions?

   Super computer

2. Which type of computers do Indian Railways use to interact with the customers for the booking and cancellation of tickets?

   Mainframe computer

SECTION - B

A. Multiple-choice questions.

1. The era of first generation computers was ....

   a. 1920–1936   b. 1940–1956   c. 1950–1958

2. .... is an example of Super Computer.

   a. Tianhe-2   b. IBM PC   c. ENIAC

3. .... are used in homes, schools, shops, offices, banks, etc.

   a. Micro computers   b. Mini computers   c. Super computers

4. Punched cards were designed by ....

   a. John Mauchly   b. Herman Hollerith   c. John von Neumann