

- ▶ Charles Babbage is considered as the Father of Computers. He invented Difference engine in 1822 and 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 Abacus.
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 Charles Babbage.

HINTS

• ENIAC
4

• Howard Aiken
2

• Abacus
1

• Charles Babbage
5

• Summit
3

B. State True or False.

- UNIVAC-I was the first computer to handle both numeric and text data. T
- Charles Babbage invented the Difference engine in 1822. T
- The first generation computers used transistors. F
- The Tabulating machine was invented by J. Presper Eckert. F
- George Boole developed the Boolean logic. T

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

Application-based questions.

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

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

SECTION - B

Multiple-choice questions.

The era of first generation computers was 1940-1956.

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

Tianhe-2 is an example of Super Computer.

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

micro computers are used in homes, schools, shops, offices, banks, etc.

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

Punched cards were designed by Herman Hollerith.

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

5. The _____ language was used in first generation of computers.

a. Cobol

b. Machine

c. RDBMS

B. Answer the following questions.

1. Name the first mechanical calculator, produced commercially.

2. Who is considered as the Father of Computers?