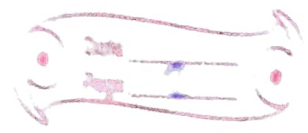


6.2



Evolution of Computers

Brain Developer

Section A

A. Fill in the blanks

1. The first mechanical calculating device

Abacus

2. Howard Aiken invented the world's fastest super computer.

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 • 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. True

2. Charles Babbage invented the Difference engine in 1922. True

3. The first generation computers used transistors. False

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

5. George Boole developed the Boolean logic.

C. ~~State true or false.~~ Match the following.

True.

A

B

Lady Augusta Lovelace

Second generation computers

Blaise Pascal

Third Generation computers

MICRAL

Pascaline

The first program

Transistors

1973

Integrated circuits

D. ~~APPLICA~~ Application based questions.

1. Roman works in the National weather forecasting agency. Which type computer will he use for forecasting?

Ans. Sir Raman works in National forecasting agency & he they must be using super computer.

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

Ans. Indian Railways use Mainframe computers to interact with the ~~the~~ customers.

Section B

A. Multiple choice questions.

1. The era of first generation computers was 1940-1956.

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

2. Tianhe-2 is an example of Super computer.

a. Tianhe-2 ✓

b. IBMPC

c. ENIAC

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

a. Micro computers ✓

b. Mini computers

c. Super computers

4. Punched cards were designed by Herman Hollerith

a. John Mauchly

b. Herman Hollerith ✓

c. John von Neumann

5. The machine language was used in the first generation of computers.

B. Answer the following questions.

1. Name the first mechanical calculator produced commercially.

Ans - 'Thomas Arithmometer' was the first mechanical calculator.

2. Who is considered as the Father of computers?

Ans - 'Charles Babbage' is considered as the father of computers.

3. Which was the first generation general purpose electronic digital computer?

Ans. ENIAC was the first general purpose electronic digital computer.

4. Write any three features of fourth generation computers.

Ans. (i) Fourth generation computers are very small in size.

(ii) Very cheap

(iii) Special software is used to maintain large database.