

A. Answer the following questions:

a. Very short answer questions:

- How many generations of computer are there?

Fifth (Five)

- Name the electronic component and language used in:

	Electronic Components	Language
1 st Generation	Vacuum tubes	Machine Language
2 nd Generation	Transistors	Assembly Language
3 rd Generation	Integrated circuits	High Level Language
4 th Generation	Microprocessor	
5 th Generation	Artificial intelligence	Natural Language

- Give two examples of second generation computers.

IBM 140, MARK III

- Name two computers of first generation.

MARK I, EDVAC

- Name the developers of the first integrated circuit.

Jack Kilby and Robert Noyce

b. Short answer questions:

- What do you mean by generation of computers? means the improvement in the development of computer technology.

- What is the difference between first generation computers and second generation computers?

- What is a microprocessor? Microprocessor is a type of electronic device that contains the arithmetic, logic and control circuitry.

- What is an integrated circuit? An electronic circuit formed on a small small piece of semiconducting material.

- Define artificial intelligence. means computers have been programmed to take decisions.

Give two features of each generation of computers:

- 1st Generation (i) First Generation computers used vacuum tubes.

(ii) It used Machine Language

2. 2nd Generation (i) Second Generation Computers used Transistors.
 (ii) Assembly Language used in second generation computers.
3. 3rd Generation (i) Third generation computers used Integrated circuits.
 (ii) Third generation computers used High Level Language
4. 4th Generation (i) Fourth generation computers used Microprocessor,
 (ii) operating speed ~~be~~ were very fast.

C. Fill in the blanks:

1. The first generation of computers was started in 1946.
2. ENIAC and MARK-I were the first generation computers.
3. The integrated circuits are also called ICs.
4. Transistors were placed on Silicon chips called semiconductors.

D. Tick [✓] the correct answer:

1. ENIAC was an example of:
 i. 2nd Generation ii. 1st Generation iii. 4th Generation
2. In second generation, the electronic component used was:
 i. Integrated Circuits ii. Microprocessors iii. Transistor
3. CDC, IBM 360 are examples of which generation of computers?
 i. 4th ii. 2nd iii. 3rd
4. The time period of first generation computers was:
 i. 1946-1958 ii. 1959-1964 iii. 1948-1956